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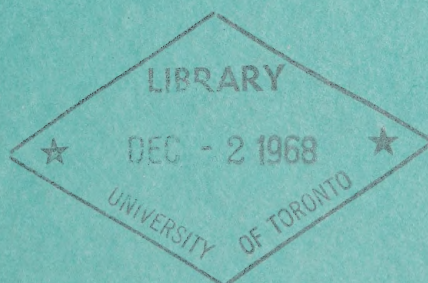
Ontario Water Resources Commission



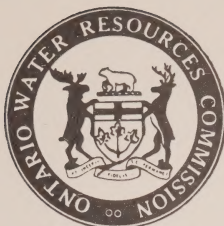
GROUND WATER BULLETIN (6)

GROUND WATER IN ONTARIO
SOUTHWESTERN AREA

1960-1963



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THE
ONTARIO WATER RESOURCES
COMMISSION

GROUND WATER BULLETIN 6

GROUND WATER IN ONTARIO
SOUTHWESTERN AREA

1960-1963

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1968



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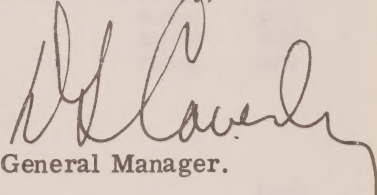
Dr. J. A. Vance,
Chairman,
Ontario Water Resources Commission,
801 Bay Street,
Toronto 5, Ontario.

Dear Sir:

It is with pleasure that I present to the Ontario Water Resources Commission Ground Water Bulletin 6. It is one in the series Ground Water In Ontario.

This bulletin contains data for the southwestern area of Ontario for the years 1960 to 1963.

Yours sincerely,



General Manager.

Ontario Water Resources Commission
Toronto, 1968.

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Water Level Measurement At Observation Well During Pumping Test

GROUND WATER IN ONTARIO
SOUTHWESTERN AREA
1960-1963

INTRODUCTION

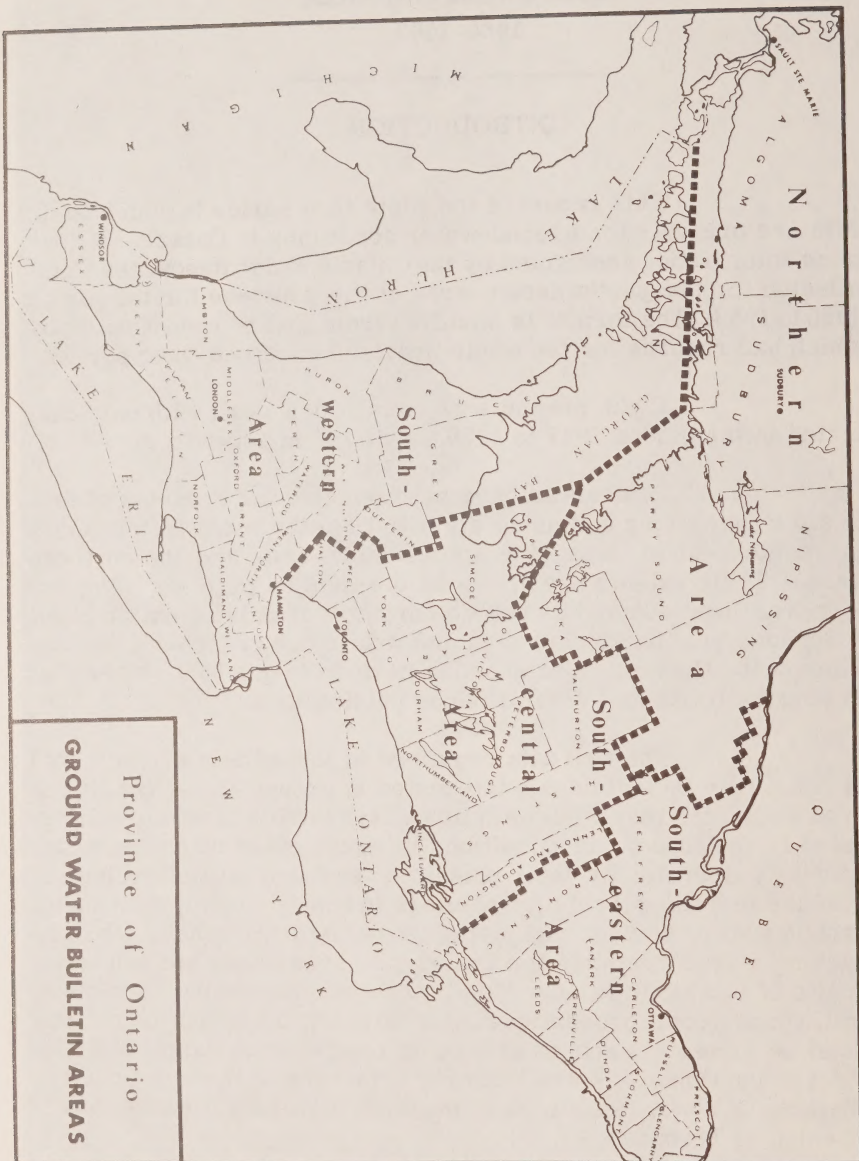
This report is the ninth in a series in which basic data are presented on ground-water conditions in Ontario. It contains information assembled by the Ontario Water Resources Commission for the southwestern area of the province for the period 1960 to 1963. The format is modified from that of recent bulletins which had records for the whole province for a one-year period.

Eight previous reports which dealt with data collected in the period 1947 to 1959 are listed in appendix D.

Four areas have been selected for grouping of data to aid in preparing and using the bulletins—the southwestern area, the south-central area, the southeastern area and the northern area. Their extents are shown on the map on page vi. The new form has been adopted as people normally seek information about conditions in a particular area and it is more convenient to have the data for the area over extended periods in one book rather than in several books as in the previous publications.

The well data contained in the bulletin are referred to constantly by individuals interested in ground-water conditions in areas where they wish to drill wells; by drillers who are interested in hydrogeologic conditions in areas other than where they normally operate; by town planners, engineers, and geologists who are searching for major aquifers to supply municipalities with ground water; and by engineers, geologists and others who are seeking favourable sites for gravel pits, quarries, and other deposits of economic value. To all of these, the nature, thickness, and hydrogeologic properties of overburden and bedrock formations must be known. Records are being received constantly and data not yet published are available for reference in the offices of the Division of Water Resources of the Ontario Water Resources Commission in Toronto.

This bulletin repeats some of the information contained in previous reports. This has been done where it was felt the information was needed as important reference material for the new, assembled data. General conditions in the southwestern area are discussed in greater detail in this bulletin.



Province of Ontario
GROUND WATER BULLETIN AREAS

Acknowledgments

The water-well boring and drilling contractors licensed to work in Ontario submitted well logs and water-well data to the Commission and in so doing played an important part in the assembly of valuable hydrogeologic data. Many private individuals and municipal officials and employees recorded and submitted groundwater levels in the observation well program. Their service in the public interest deserves high tribute. The assistance and service rendered by individuals and firms are gratefully acknowledged.

The following staff of the Division of Water Resources worked in the preparation of the bulletin, Mrs. M. Ellis, Mrs. F. McClements, Miss R. Millson, Miss J. Prigge, Messrs. J. A. Haw, A. J. Tasker and A. Fuchs.

GEOGRAPHY

Topography

The southwestern area was selected to include nearly all of the area west of the Niagara escarpment. It extends to Windsor in the west, Lake Erie in the south and it includes the Bruce Peninsula and Manitoulin Island in the north. The area was based on county and district units and comprises the counties of

Brant	Grey	Lincoln	Waterloo
Bruce	Haldimand	Middlesex	Welland
Dufferin	Huron	Norfolk	Wellington
Elgin	Kent	Oxford	Wentworth
Essex	Lambton	Perth	

and the district of
Manitoulin.

The southwestern area occupies a land area of 17,367 square miles.* It is mainly in the Ontario Upland portion of the St. Lawrence Lowlands. The topography of the whole area is variable; there are large parts of the area which have low relief and others with sharp relief. The elevation varies from 245 feet above sea level at the shores of Lake Ontario to between 1,700 and 1,800 feet in Dufferin and Grey counties above the Niagara escarpment. The flatter areas border the south shore of Lake Huron, the south and east shores of Lake St. Clair and the north shore of Lake Erie. The central and northern parts of the southwestern area have rolling topography. The most striking topographic features are found along the Niagara escarpment which generally marks the boundary between the southwestern and south-central areas.

*Compiled from the 1963 Municipal Directory, Ontario Dept. of Municipal Affairs.

A variety of glacial forms such as recessional moraines, kames, deltas, eskers and drumlins contribute to the variations in relief.

Climate

The climate and geology of an area largely determine its hydrologic characteristics. Observations of climatic factors such as precipitation, temperature, wind and sunshine and the resulting hydrologic events of streamflow and ground-water level fluctuations are necessary for an assessment of the water resources potential of an area.

Table I shows precipitation data for a number of selected meteorological stations in the southwestern area and has been prepared from data published by the Meteorological Branch of the Canada Department of Transport.

Drainage

The entire southwestern area drains to the Great Lakes system. The principal rivers and their receiving bodies are: the Beaver, Bighead, Sydenham, Sauble, Saugeen, Maitland, Lucknow, Bayfield and Ausable rivers which drain the northern part of the area to Lake Huron; the Sydenham and Thames rivers which drain the western part and parts of the central area to Lake St. Clair; the Kettle, Catfish, Big Otter, Big creeks and the Grand River which drain the southern part and parts of the central area to Lake Erie; and the Niagara and Welland rivers and Twenty Mile and Spencer creeks which drain parts of the same area to Lake Ontario.

TABLE I - PRECIPITATION IN INCHES FOR CERTAIN LOCALITIES IN ONTARIO¹

Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Centralia (A)													
Average	3.83	3.08	3.09	3.15	3.18	2.92	3.47	2.46	3.05	2.98	3.64	4.20	39.05
1960	5.1	4.3	2.8	3.5	5.0	3.5	1.1	0.9	1.4	2.1	4.0	2.5	36.2
1961	2.9	2.2	2.4	3.6	2.9	3.4	4.7	3.2	2.8	2.6	3.1	3.3	37.1
1962	3.8	3.3	0.7	3.2	1.9	3.3	2.0	3.9	3.7	5.0	2.6	5.3	38.7
1963	1.26	1.47	2.83	2.67	2.68	1.60	2.14	1.44	2.56	0.35	3.65	4.45	27.10
Chatham													
Average	2.40	2.30	2.63	2.80	2.94	2.88	2.61	2.52	2.37	2.44	2.20	2.35	30.44
1960	3.3	2.7	1.6	3.0	2.5	6.0	2.2	0.8	1.4	1.5	1.4	1.0	27.4
1961	0.5	2.6	2.1	6.4	2.3	3.6	3.3	4.3	3.4	1.4	2.9	1.9	34.7
1962	2.6	2.6	1.0	3.0	1.2	2.95	2.6	1.9	2.7	1.4	3.0	1.2	26.15
1963	0.89	0.93	3.14	3.35	2.60	N.A.	2.74	1.56	1.33	0.49	1.08	1.40	N.A.
Forest													
Average	2.45	2.33	2.60	3.08	3.34	3.14	3.09	3.09	3.24	3.08	2.99	2.60	35.03
1960	N.A.	2.2	4.7	2.0	5.5	3.8	0.7	2.5	1.5	2.2	1.6	1.5	N.A.
1961	0.4	2.5	1.8	3.5	2.4	2.7	5.5	5.63	2.9	1.9	2.1	1.17	32.5
1962	1.7	2.3	0.48	1.8	1.6	3.8	1.3	3.0	4.0	4.2	2.8	3.2	30.18
1963	0.94	0.82	3.59	2.35	2.33	1.23	2.24	0.59	1.31	1.14	1.82	2.42	20.73
Guelph O.A.C.													
Average	2.70	2.14	2.41	2.72	3.18	2.95	3.18	2.96	2.87	2.57	2.71	2.41	32.80
1960	3.8	2.3	1.1	2.5	5.1	3.2	3.9	1.4	0.4	2.6	2.8	0.9	30.0
1961	0.6	2.3	2.9	3.12	2.7	4.3	3.0	N.A.	N.A.	N.A.	2.2	2.4	N.A.
1962	N.A.	N.A.	N.A.	N.A.	0.9	3.4	3.0	2.0	2.7	N.A.	2.0	2.2	N.A.
1963	0.85	0.82	2.85	2.71	2.99	0.63	3.19	2.17	1.86	0.65	2.14	1.33	22.19
Kitchener													
Average	2.44	2.13	2.69	2.71	3.17	3.14	3.41	2.77	3.02	2.63	2.76	2.65	33.53
1960	3.1	2.7	2.1	2.9	5.0	5.4	2.9	3.6	0.7	2.6	2.9	1.1	35.0
1961	0.6	2.7	1.9	3.5	2.6	2.6	3.2	4.6	2.6	0.7	2.7	2.7	30.4
1962	2.1	3.1	0.7	2.3	1.5	5.3	2.5	2.9	2.7	3.8	2.2	3.2	32.3
1963	1.14	0.82	2.56	2.44	3.21	1.07	3.04	2.08	1.21	0.74	1.98	2.13	22.42
London A													
Average	3.14	2.83	2.92	3.21	3.04	3.13	3.47	2.82	3.35	2.89	3.19	3.20	37.19
1960	3.8	2.8	2.8	3.6	3.0	3.7	2.7	2.0	0.9	1.9	2.4	1.3	30.9
1961	1.4	2.1	2.4	3.6	2.6	2.4	5.6	5.3	3.3	1.3	2.7	2.0	34.7
1962	3.6	3.1	0.6	2.6	1.1	3.9	2.1	2.3	3.5	2.9	1.9	3.7	31.3
1963	1.24	1.32	3.01	2.60	2.80	1.44	1.88	0.85	1.13	0.21	2.01	2.53	21.02
Simcoe													
Average	3.15	2.91	3.28	3.17	2.81	2.54	2.93	2.90	2.98	3.01	2.93	2.93	35.62
1960	3.7	3.7	3.6	4.5	4.2	3.2	2.8	3.3	0.9	2.4	2.5	2.9	37.7
1961	1.4	3.9	3.8	5.2	3.4	2.7	1.5	N.A.	2.0	0.6	N.A.	N.A.	N.A.
1962	2.3	2.2	0.7	2.2	1.1	3.3	4.3	2.4	4.1	3.9	2.8	3.1	32.4
1963	1.40	1.37	2.73	3.69	3.26	1.17	4.50	3.81	1.79	0.28	2.63	1.93	28.56
Stratford													
Average	3.60	2.93	3.27	3.12	3.00	3.41	3.35	2.76	3.61	2.80	3.48	3.54	38.87
1960	4.1	3.54	1.7	3.5	5.0	5.0	2.2	1.3	1.5	2.6	2.6	1.96	35.90
1961	1.27	1.8	2.1	3.4	2.2	3.3	2.9	3.7	2.7	2.4	2.7	3.6	32.07
1962	2.3	2.2	0.5	2.29	1.9	3.7	3.3	2.6	2.9	3.7	2.4	5.1	32.89
1963	1.43	1.41	2.48	2.02	3.10	2.05	3.69	2.10	1.46	0.76	2.70	3.84	27.04
Welland													
Average	3.02	3.05	3.27	2.92	3.09	2.16	2.54	2.84	3.28	2.83	2.85	2.57	34.42
1960	3.5	5.7	3.5	2.7	4.5	2.0	3.3	1.6	1.1	2.2	1.9	3.5	35.5
1961	1.4	4.2	2.7	4.9	2.8	4.3	2.6	5.5	1.7	1.0	2.7	3.2	37.0
1962	4.9	3.3	1.0	1.7	0.9	5.1	2.0	2.9	4.1	3.3	2.4	4.7	36.3
1963	3.54	1.35	2.79	2.64	2.05	1.42	5.10	4.86	1.12	0.63	4.57	3.62	33.79
Warton													
Average	3.78	2.99	2.94	3.00	2.33	2.64	2.47	2.83	2.82	3.17	3.90	3.97	36.84
1960	3.6	2.3	2.0	3.5	5.6	3.0	4.4	1.3	1.3	2.6	3.7	3.2	36.5
1961	2.5	1.8	2.8	2.5	1.4	2.8	1.6	4.4	4.7	1.7	2.9	3.8	32.9
1962	4.0	3.2	1.1	2.5	1.5	2.6	2.2	0.9	4.0	4.4	1.4	4.8	32.6
1963	3.80	1.69	2.01	2.48	3.56	1.53	3.35	4.11	5.43	1.46	3.04	3.67	36.13
Windsor A													
Average	2.21	2.20	2.74	3.05	3.53	2.93	2.99	3.15	2.36	2.81	2.41	2.23	32.61
1960	3.2	2.1	2.0	1.7	2.5	6.4	1.9	4.0	0.6	1.6	1.2	0.7	27.9
1961	0.8	2.9	2.7	6.0	2.6	2.9	3.0	6.2	4.6	1.2	2.9	1.6	37.4
1962	2.2	3.1	1.0	3.8	1.3	5.0	3.1	3.8	3.1	1.6	1.9	1.5	31.4
1963	1.12	0.83	3.04	3.29	2.47	4.87	1.68	1.66	1.69	0.52	1.41	1.51	24.09
Woodstock													
Average	2.69	2.40	2.58	2.88	3.01	3.13	2.94	2.69	3.08	2.88	2.68	2.55	33.51
1960	3.2	3.7	2.5	2.5	3.3	4.7	2.7	2.6	1.1	1.9	2.9	0.9	32.0
1961	N.A.	2.6	3.3	2.8	2.5	2.6	4.0	5.0	3.1	1.6	2.3	1.6	N.A.
1962	2.9	3.1	0.7	2.5	1.0	4.0	2.9	2.9	4.2	4.1	2.6	2.5	33.4
1963	1.10	1.11	N.A.	2.29	3.22	2.27	2.79	1.40	1.13	0.49	1.04	2.65	N.A.

Footnotes

1. Information by courtesy of the Meteorological Branch - Canada
Department of Transport
(A) Airport
N.A. Not available.

HYDROGEOLOGY

General Conditions

The entire southwestern area is underlain by sedimentary rocks deposited during the Palaeozoic Era. In a large part of the area the bedrock is composed of dolomites and limestones of the Lockport, Guelph, Bass Island, Bois Blanc, Detroit River and Delaware formations. Potable water is generally assured from the Lockport and Guelph dolomites and to a lesser degree from the Bass Island, Bois Blanc, Detroit River and the Delaware formations.

The Salina formation, which is composed of dolomite, considerable thicknesses of shale and shaly dolomite, and irregular beds of gypsum and salt, forms an underlying strip which extends from the County of Bruce at Southampton through parts of the counties of Grey, Wellington, Waterloo, Oxford, Brant, Haldimand and Welland to the Niagara River. Water occurring in this formation is usually highly mineralized; however, in some areas it is of acceptable quality for most uses.

The Hamilton and Kettle Point formations which underlie Kent and Lambton counties and the western portion of Elgin and Middlesex counties are principally shales with some limestone beds. They are doubtful sources of potable water and are exploited only when other sources are not available.

The unconsolidated deposits above the bedrock range in thickness from zero to nearly 500 feet. In the southwestern area these overburden deposits are composed mostly of glacial drift with some important but more recent alluvial deposits in the larger river valleys.

Till is the most extensive glacial deposit in the area and is composed of varying amounts of clay, silt, sand, gravel and larger stones. Gently rolling till plains are called ground moraines and were laid down under the ice mass. Irregular ridges of till, often mixed with stratified sands and gravels, are called recessional moraines, and were formed at halts in the retreat or re-advance of the ice front. In southwestern Ontario between the Niagara escarpment and Lake Huron a series of recessional moraines form a great belt in the shape of a horseshoe open to the south.

The recessional moraines are associated in many places with kame moraines which are irregularly stratified glacial deposits formed at the ice front under melting conditions. Ground moraines cover large parts of the area between the recessional moraines.

Drumlins, which are small, elongated hills that were moulded by the moving ice and have their longer axes parallel to the direction of the ice movement, are associated with ground moraines and are found in clusters especially around Teeswater, Arran and Guelph.

Tills of ground moraines or recessional moraines are normally poor aquifers, because the mixed grain sizes form a relatively dense medium. Fortunately, till usually does not form all of the overburden in any one place. Where the drift is deep in the ground-moraine areas, there are usually stratified lenses of silt, sand or gravel within the till sheets which are capable of yielding supplies of ground water. In many areas sands and gravels, varying in thickness from a few inches to many feet, are found immediately above the bedrock. They are excellent sources of water where they occur in reasonable thicknesses.

Glacial deposits laid down under melting conditions in the form of stratified deposits of silt, sand and gravel have good water-yielding characteristics; the already mentioned kame moraines are such deposits. Other important water-sorted deposits associated with the ice margin are deltas and outwash plains. The sands and gravels of these deposits, as a rule, constitute the best water-bearing formations in the drift.

Drainage channels formed by the rivers of water pouring from the melting ice front are associated with the recessional moraines of southwestern Ontario. Many of today's streams flow through these former channels or spillways which contain thick deposits of sand and gravel laid down during glacial drainage. Wells penetrating these deposits usually produce large quantities of water but yields may vary considerably due to variations in the composition of the deposits.

Long, sinuous ridges known as eskers, and composed of poorly sorted sands and gravels were formed by glacial rivers flowing in the ice mass. They resemble railway embankments in appearance and may extend for many miles, generally in a direction parallel to the ice movement. Eskers in most cases are good aquifers but their limited areal extent generally limits production to small quantities. They are excellent sources for domestic supplies.

Glacial lakes were formed in places along the edge of the ice front and covered considerable parts of southwestern Ontario. Well sorted sand, silt or clay deposits laid down in glacial lakes are called lacustrine deposits. The water-yielding characteristics of lacustrine deposits are dependent on grain size; fine grained deposits have poor characteristics while the coarser grained deposits have better water-yielding characteristics.

The sandy areas in parts of Kent, Elgin and Norfolk counties are deltaic deposits laid down by the rivers flowing in the drainage channels and emptying into the glacial lakes. They are well stratified and generally provide good supplies of water at relatively shallow depths. Yields are controlled in many areas by shallow depths of the deposits or by the relatively fine grain size.

The clay plains that cover most of Essex, Kent, Lambton and Haldimand counties are deposits of poor permeability and poor water-yielding characteristics. Sometimes the clays are underlain by coarse sands and gravels which yield satisfactory supplies.

In general, tills and lake clays are poor sources of water in themselves. Where interstratified silts, sands or gravels are encountered within these denser materials or between them and the bedrock, suitable water supplies can usually be developed. Sand and gravel deposits exposed at surface are good sources of water in most areas.

GROUND WATER

Occurrence and Source

Ground water is the water that occurs below the surface of the ground in the zone of saturation, where all pore spaces and fractures are filled with water. The surface of the saturated zone is called the water table. A formation that will hold, transmit and yield ground water in usable quantities is known as an aquifer.

Precipitation in the form of rain and snow is the main source of ground water. In general approximately forty per cent of all precipitation becomes surface runoff and ground water. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water and by transpiration from vegetation. Precipitation averages over 30 inches annually in most parts of Southern Ontario. Forty per cent of this amounts to 174 million gallons on each square mile of land surface, and generally less than one half of this is available as ground water through infiltration before it discharges to streams or lakes. In sandy areas the rate of infiltration is higher than in clay areas and the amount of water available for ground water recharge is correspondingly greater.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions govern the portion of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area a reliable estimate should be made of the average perennial recharge of the aquifer. If this is done, the depletion of ground water stored in aquifers can usually be avoided, and pumping installations can be designed for long, economical use.

The amount of water that can be extracted in any area depends on the character of the aquifer and the amount of recharge. Fine-grained materials such as clay or silt have high porosities and abilities to hold large quantities of water in storage but they have low permeabilities which hinder the movement of water through them and make them poor sources of supply. Wells developed in such materials do not meet normal household requirements adequately. Coarse sediments such as coarse sands and gravels, have high permeabilities and are usually very good sources of ground water.

At the end of 1963 there were 145 municipalities with public water supply systems in the southwestern area. Of these, 67 obtained their supplies from ground-water sources and 10 relied on both ground-water and surface-water sources.

Regional Aquifer Characteristics

The general water-bearing characteristics of the different geologic formations of the southwestern area were discussed in the section dealing with hydrogeology. The conditions by county or groups of counties are discussed below and give some idea of the variability of conditions over the whole area.

In the counties of Essex, Kent, Lambton and part of the County of Elgin it is often difficult to develop ground-water supplies due to the presence of clay plains that are relatively impervious. In the northern part of the County of Essex salty water is often encountered in the underlying Delaware formation. In the County of Kent the water situation is generally fair. Although people have difficulty getting suitable supplies of water in those sections of the County of Elgin where there are clay plains, the sandy plains which cover much of the county provide ample water, usually at shallow depths. Wells that penetrate the Delaware formation in the County of Elgin quite often obtain sulphurous water.

People in the western part of the County of Lambton have had difficulty in obtaining suitable water. Many ponds have been dug in this plain area. In the northeastern part of the county, however, it is usually possible to obtain an ample supply of ground-water due to favourable conditions created by the presence of stratified sands and gravels associated with the recessional moraines.

In the counties of Haldimand, Welland and Lincoln poor ground-water conditions generally prevail. An impervious mantle of lake clays covers most of the area. The overburden is relatively thin, and the underlying bedrock often yields only sulphurous and salty waters. Ponds and cisterns, sometimes several to a farm, are used to provide needed water. There are isolated sandy areas of kame moraines or beaches which provide good supplies in an otherwise unfavourable ground-water area.

The ground-water conditions in the counties of Wentworth, Brant and Norfolk are generally good. The presence of sands and gravels in old deltas, kames and river courses has given these counties an abundance of ground-water sources in many areas.

In the County of Oxford there are poor aquifers in the till plains of the northern and northwestern parts and wells in this area have to be drilled through considerable thicknesses of drift before reaching water-bearing formations. In the sandy kame areas to the south ground-water supplies are good.

In the County of Middlesex deep overburden aquifers contain adequate supplies. Unfortunately, they are not present everywhere and where wells have to be drilled into the limestone bedrock of the Delaware formation they may encounter poor quality water.

In the County of Perth shallow aquifers are considerably affected by seasonal shortages of precipitation. Deep wells do not experience recurring shortages and usually obtain an abundance of water at the base of the drift or within the bedrock.

The water situation in the counties of Huron and Bruce is generally good. Both counties have glacial lake beaches and extensive recessional moraines. In times of drought shallow aquifers can be affected, especially in the County of Huron. Conditions are more favourable in the County of Bruce where there is a greater variety of surface deposits. Many springs and flowing wells are reported in this county. There is little or no drift in the northern part of the County of Bruce, but the underlying Guelph and Lockport dolomites generally yield ample supplies of potable water.

Little difficulty is experienced in obtaining adequate supplies from ground-water sources in the counties of Grey and Dufferin. Many springs occur along the Niagara escarpment in both counties at the contact between the Lockport dolomite and the Clinton and Cataract groups. In the southern part of the County of Grey and along the eastern side of the County of Dufferin morainic hills and associated spillway gravels are usually good sources of water.

The counties of Waterloo and Wellington generally have good supplies of ground water. In 1963 there were 14 municipalities in these counties using large quantities of ground water. Many flowing wells and springs are reported in these counties. The communities in these counties have made use of the excellent ground-water reservoirs in the gravel beds along river courses and in sands and gravels of the hilly recessional moraines and kames. However, there are a few localities in the northwestern and eastern part of the County of Waterloo where shortages occur during times of inadequate precipitation. Rather deep wells are necessary in some parts of the till plain. Unpotable water is obtained in places in the County of Waterloo from the underlying Salina formation.

The southwestern area has good ground-water supplies in a majority of the counties. Poor water conditions, as a rule, occur where there are extensive deposits of impervious clays. Such deposits are most common in the southeast and southwest parts of the area. A few communities that use large amounts of ground water have had some difficulty in increasing their supplies. In most rural areas where shortages occur during times of drought the deepening of existing wells or the construction of new, deeper wells can result in a more continuous supply of ground water, but knowledge of local conditions should be obtained before deepening operations are carried out.

Surveys and Investigations

During the period 1960 to 1963 the Ontario Water Resources Commission assembled ground-water data and gave assistance to individuals, industries and municipalities in dealing with problems related to ground water.

Ground-water studies included contributions to county water resources surveys, special investigations which were related to a variety of subjects, hydrogeologic surveys undertaken chiefly for municipalities, and supervision of Commission test-drilling and well-construction projects.

Brief descriptions of the Commission's activities in the southwestern area for the years 1960-1963 are given below.

a) County Water Resources Surveys - Water resources surveys were undertaken in the counties of Haldimand, Norfolk, Waterloo, Welland and Wentworth.

b) Special Investigations - A total of fifty-two special investigations were carried out involving the supervision of pumping tests on non-Commission projects; short surveys for better water supplies for individuals, institutions and communities; pollution of water wells; and effects of waste disposal on ground water.

c) Hydrogeologic Surveys - Ground-water surveys involving field investigations and reviews of ground-water conditions were undertaken for 36 municipalities. The larger municipalities involved were the cities of Guelph, Kitchener, and Stratford and the towns of Strathroy, Ingersoll, Preston and Tillsonburg. The reports provided recommendations on favourable test-drilling sites.

d) Test-Drilling and Well-Construction Projects - The Commission was active in eight test-drilling or well-construction projects. These were for the Township of Pelham; the Town of Hanover; the villages of Grand Bend, Port Burwell, Tara, Thedford and Waterdown; and the community of McGregor in the Township of Anderdon. Municipal wells were constructed at the Town of Hanover and the villages of Tara and Thedford. Two favourable well sites were located in the Township of Pelham, but no adequate ground-water supplies were located for the other four municipalities.

A number of other agencies carried out studies in the field of ground-water and pleistocene geology or published reports containing geological or ground-water information for areas in southwestern Ontario during the period 1960 to 1963. A summary of the activities of these agencies is given below.

The Geological Survey of Canada published a report "Subsurface Stratigraphy of Ordovician Rocks in Southwestern Ontario" by B. V. Sanford, 1961.

The Ontario Department of Mines under the supervision of Dr. P. F. Karrow prepared and issued seven preliminary maps of bedrock topography in southwestern Ontario. Geological mapping was under way in the Guelph, Galt and Hamilton areas. Mapping of the Brantford area was completed.

The Ontario Department of Energy Resources* provided information in its annual reports on the well logs of all oil and gas wells drilled during the period. The logs include information on levels where ground water was encountered and on water quality.

The Ontario Department of Agriculture published soil survey reports for the counties of Lincoln, Oxford and Wellington.

The Conservation Authorities Branch of the Ontario Department of Energy Resources* published reports on the following conservation areas in the southwestern area: Big Creek Region, Hamilton Region, Sauble Valley and Lower Thames Valley. These reports contain sections on pleistocene geology or ground water.

The Ontario Department of Highways and several private firms carried out numerous soil and foundation investigations along highways and bridge sites in the southwestern area. The reports for most of these investigations contain details of the geologic and ground-water conditions at the test sites. Copies of them are on file with the Ontario Water Resources Commission and are available for consultation.

*Now the Ontario Department of Energy and Resources Management.

The Ontario Research Foundation completed a project in 1962 on the calcite and dolomite content of sand in the Norfolk sand plain and the source area to the north.

The University of Western Ontario investigated stratigraphic correlations of the Wisconsin drift in Southern Ontario and had seven Pleistocene geology projects under way in 1963.

The Great Lakes Institute carried out seismic exploration, coring, and bottom sampling in the Great Lakes Basin to help unravel the complex sedimentation history.

McMaster University introduced a graduate student project to delineate glacial lake beaches in Wentworth County.

Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. The numbers and types of observation wells in operation throughout the province are summarized below:

Year	1960	1961	1962	1963
Wells with automatic recorders	13	15	15	25
Wells measured manually	14	13	15	31
Total observation wells	27	28	30	56

The observation wells are listed by county in table II. Descriptions and water-level measurements of all wells in the southwestern area are given in appendix A. All water-level measurements are from the land surface at the well head to the water surface in the well.

Observation wells measure water levels for varied conditions such as in bedrock or overburden aquifers and in areas unaffected or affected by large withdrawals. Together with data on pumpages, pumping levels and other aquifer conditions, the levels in observation wells are needed to calculate the potential yields of aquifers, and to assess the degree of development and the performance of well fields and wells. The Commission is engaged in the extension and improvement of its observation-well network and will co-operate with interested parties who are willing to undertake the measurement of ground water levels at regular intervals.

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
BRANT COUNTY: Brantford Twp., Con. I, lot 29	85	Geo. McLaughlin	Geo. McLaughlin	Sept. 3/59	July 26/61	99	rock
CARLETON COUNTY: Nepean Twp., Con. I O.F., lot 5	115	Nepean Township	D. Forbes	May 29/63		105	grey granite
Nepean Twp., Con. II O.F., lot 5	132	National Capital Commission	R.G. Pearce	Jan. 22/60		100	Nepean sandstone
Nepean Twp., Con. II O.F., lot 18	133	Teron Construction Co.	R.G. Pearce	Jan. 21/60		90	clay
Gloucester Twp., Con. II O.F., lot 15	134	National Capital Commission	R.G. Pearce	Jan. 29/60		700	limestone
Gloucester Twp., Con. I O.F., lot 21	135	Minto Construction Co.	R.G. Pearce	Feb. 11/60		110	clay
DUFFERIN COUNTY: East Luther Twp., Con. IV, lot 29	46	I. Potter	I. Potter	Nov. 27/53		35	sand
HALDIMAND COUNTY: North Cayuga Twp., Jones Tract, lot 23	5	Canada Department of Transport	C.W. Beckerson	June 29/46		125	limestone
North Cayuga Twp., Jones Tract, lot 23	64	Canada Department of Transport	C.W. Beckerson	Apr. 15/54		100	limestone
HALTON COUNTY: Trafalgar Twp., Con. III, lot 14	38	C. Wilson	C. Wilson	Sept. 14/46		12.5	overburden

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
LAMBTON COUNTY: Forest	56	Forest Public Utilities Commission	S. Ellerker	Nov. 28/46		110	overburden
MIDDLESEX COUNTY: London, Adelaide St.	15	London Public Utilities Commission	O.W. Logan	June 20/46		40	sand, gravel
Westminster Twp., Con. II, lot 48	29	G. Uptigrove	O.W. Logan	June 24/52		96	sand, gravel
Westminster Twp., N.T.R. East Side, lot 62	71	R. McDougall	O.W. Logan	Oct. 16/58		30	overburden
Westminster Twp., Con. V, lot 22	513	C. Holborn	O.W. Logan	Sept. 9/59		144	gravel
Westminster Twp., Con. II, lot 18	72	Ontario Hydro-Electric Power Commission	H.E.P.C. Personnel	Mar. 1/60		153	sand, gravel
Westminster Twp., Con. II, lot 18	73	Ontario Hydro-Electric Power Commission	H.E.P.C. Personnel	Feb. 3/60		220	shale
Glencoe	86	Village of Glencoe	F. Anderson	Dec. 4/59	Mar. 11/61	215	clay, gravel
Westminster Twp., Con. VIII, lot 15	91	London Public Utilities Commission	O.W. Logan	Apr. 14/61		231.5	sand, gravel
North Dorchester Twp., N.T.R. Con. I, lot 2	92	G. Hodgins	O.W. Logan	Oct. 25/61		450	rock

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
Delaware Twp., Con. I, lot 0E	95	H.C. Brody	O.W. Logan	May 30/63		101	shale
Delaware Twp., Con. I, lot 2	96	C. Gubbels	C. Gubbels	May 16/63	July 22/63	12	overburden
Delaware Twp., Con. II, lot 1	97	P.A. Doumoulin	R. Summers	May 16/63		160	gravel
Lobo Twp., Con. I, lot 4	98	H. Wales	O.W. Logan	May 16/63		109	gravel, clay
Lobo Twp., Con. III, lot 3	99	B. Franks	B. Franks	May 16/63		15	sand, gravel
Lobo Twp., Con. II, lot 5	100	P. Westbrook	P. Estbrook	May 16/63		19	sand, gravel
Lobo Twp., Con. I, lot 4	105	H. Wales	O.W. Logan	June 7/63		102	shale
Lobo Twp., Con. II, lot 6	107	London Public Utilities Commission	O.W. Logan	June 24/63		130	gravel
Lobo Twp., Con. I, lot 7	113	W. Tunks	O.W. Logan	Dec. 19/63		81	shale
Westminster Twp., Con. VI, lot 18	114	G. Carrothers	O.W. Logan	May 6/59		205	clay, gravel
Westminster Twp., Con. V, lot 22	513	C. Holborn	O.W. Logan	May 6/59		144	gravel

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
NORFOLK COUNTY:							
Simcoe	25	Simcoe Public Utilities Commission	C.E. Maxwell	Oct. 1/54		26	gravel
Simcoe	93	Simcoe Public Utilities Commission	C.E. Maxwell	Jan. 7/63		73	gravel
Simcoe	94	Simcoe Public Utilities Commission	C.E. Maxwell	Jan. 7/63		78	gravel
OXFORD COUNTY:							
West Oxford Twp., Con. III, lot 2	13	Woodstock Public Utilities Commission	N. Copp	July 5/46		75	gravel
East Zorra Twp., Con. X, lot 12	58	Dr. J.A. Vance	C. Scott	Apr. 10/56		147	limestone
East Zorra Twp., Con. XII, lot 3	101	Upper Thames River Conservation Authority	N. Copp	May 7/62		61	rock
East Zorra Twp., Con. XII, lot 3	102	Upper Thames River Conservation Authority	N. Copp	June 28/62		91.6	rock
East Zorra Twp., Con. XII, lot 4	103	Upper Thames River Conservation Authority	N. Copp	June 28/62		51.7	rock
East Zorra Twp., Con. XII, lot 4	104	Upper Thames River Conservation Authority	N. Copp	June 28/62		17.6	sand
Blandford Twp., Con. II, lot 16	111	W. Smith	W. Smith	Nov. 29/63		16.6	overburden
Blandford Twp., Con. II, lot 16	112	W. Smith	W. Smith	Dec. 7/63		45	overburden

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
PEEL COUNTY: Brampton	18	Dale Estate Ltd.	OWRC Personnel	Apr. 18/52		30	overburden
Toronto Twp., C.I.R. Range III, lot 13	65	J.A./O.M. Schnick	O.M. Schnick	June 4/54		27	sand, gravel
PERTH COUNTY: Stratford	19	Stratford Public Utilities Commission	P.U.C. Personnel	Oct. 26/46		350	limestone
Blanshard Twp., West Boundary Con., lot 11	44	Canadian Department of National Defence	R.C.A.F. Personnel	Oct. 7/52		37.5	sand, gravel
Fullarton Twp., Mitchell Road East, lot 16	51	Upper Thames River Conservation Authority	A. Morris	Nov. 2/57		18	sand, gravel
Downie Twp., Con. XIV, lot 1	108	Upper Thames River Conservation Authority	U.T.R.C.A. Personnel	June 20/63		72	rock
SIMCOE COUNTY: Essa Twp., Con. III, lot 30 Police Village of Angus	7	Ontario Department of Lands and Forests	J.M. Dobson	June 6/50		20	sand
WATERLOO COUNTY: Elmira	32	Elmira Public Utilities Commission	P.U.C. Personnel	Nov. 30/46		118	sand, gravel
Elmira	33	Elmira Public Utilities Commission	P.U.C. Personnel	Nov. 30/46		59	sand, gravel

TABLE II - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
WATERLOO COUNTY: Cont. Kitchener Shoemaker Avenue	34	Kitchener Water Commission	J.S. Leslie	Sept. 11/46		370	dolomite
	35	Kitchener Water Commission	J.S. Leslie	Sept. 11/46		196	dolomite
	59	Kitchener Water Commission	E.G. Boeckner	Nov. 29/46		202	dolomite
	87	Ontario Water Resources Commission for Town of Preston	OWRC Personnel	Feb. 13/59		243	Guelph and Lockport formations
	82	A. Kaufman	A. Kaufman	May 10/58		127	sand, gravel
Kitchener Bechtel's Tract	83	H. Becker	H. Becker	May 8/58		120	sand
	116	Kitchener Water Commission	W. Schmidt	June 8/62		97	sand, gravel
	117	Kitchener Water Commission	W. Schmidt	June 8/62		136	sand, gravel
WELLAND COUNTY: Humberstone Twp., Con. I, lot 15	2	W.R. Davison	W.R. Davison	June 13/46		32.5	limestone

TABLE 11 - OBSERVATION WELLS MEASURED DURING 1960-1963 FOR THE ONTARIO WATER RESOURCES COMMISSION

Location	Well No.	Well located on property owned by:	Water levels measured by:	Dates		Well Depth (in feet)	Aquifer
				Measurements Commenced	Measurements Discontinued		
WELLINGTON COUNTY: Guelph (City)	47	Guelph Public Utilities Commission	H. Theaker	Feb. 4/54		152.6	dolomite
Guelph (City)	48	Guelph Public Utilities Commission	H. Theaker	Feb. 4/54		202	dolomite
YORK COUNTY: North York Twp., Con. III W., lot 9	20	Kilmer Van Nostrand Ltd.	OWRC Personnel	Aug. 1/47	July 26/60	211	sand, gravel
Etobicoke Twp., Con. II Fronting the Humber, lot 13	40	Township of Etobicoke	S. Parker	Dec. 9/54		105	gravel
North York Twp., Con. I, West of Yonge Street, lot 16	90	Metropolitan Corporation of Toronto	OWRC Personnel	Apr. 7/61		150	sand, gravel
Markham Twp., Con. III, lot 6	106	Township of Markham	OWRC Personnel	Aug. 15/63		133	sandy clay and gravel

The level recorded in an observation well when there is no appreciable extraction or recovery is referred to as the static level. This level may change as a result of natural causes such as precipitation, evaporation and ground-water discharge or artificial causes brought about by pumping or artificial recharge. A static level that follows a downward trend can result in serious problems and may be caused by overpumping, reduced recharge due to changed soil or vegetational cover or a combination of these and other factors.

Good management of ground water depends on knowledge of the fluctuations of ground water. Problems of shortage and complaints about well interference can be understood or resolved by having reliable data on water-level fluctuations.

TABLE III-OBSERVATION WELLS MEASURED DURING 1960-1963
BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO*

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced
Lake Huron	Mississagi River	George W. Rayner Generating Station	Dec. 15, 1952
Moose River	Abitibi River	Abitibi Canyon Generating Station Frederick House Dam Night Hawk Centre Shillington South Porcupine	Oct. 14, 1951 July 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948
Ottawa River	Madawaska River	Algonquin Park Bancroft Bark Lake Dam Carlow Boulter Princes Lake Sproule Bay Whitney	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949 Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949
Winnipeg River	English River	Ear Falls No. 2 Ear Falls No. 4 Lower Manitou Falls No. 2 Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954

*Data supplied by the Hydro-Electric Power Commission of Ontario.

The Hydro-Electric Power Commission of Ontario setup a number of observation wells in 1948 to study the effect of ground-water levels on the operation of storage basins and generating stations.

Details of these wells are listed in table III. The water-level measurements of these wells are available for reference at the offices of the Ontario Water Resources Commission.

Water Level Fluctuations

Hydrographs have been prepared showing water-level fluctuations in certain observation wells. Data on precipitation, pumpage, and streamflow, factors which influence water levels in observation wells, are shown where appropriate.

Ground-water levels normally rise during the fall, during mild winter periods and during the snow-melt periods of spring. During the warmer weather and the growth period, precipitation, unless excessive, is intercepted by evaporation and transpiration processes and does not generally percolate far enough into the ground to recharge aquifers. The result is that ground-water levels generally drop during the growing season.

Figure 1 shows water-level variations measured at observation well No. 5 at the Haldimand Rural Youth and Agricultural Center, Kohler; observation well No. 13 in the area south of the City of Woodstock in an aquifer supplying municipal wells; and observation well No. 19 in the Romeo Street well field at Stratford.

The observation well at Kohler exhibited normal water-level fluctuations over the period but had the greatest changes in level in 1960. At Woodstock there were falling water levels for the period 1960-1963 due mainly to increased water taking for municipal supplies. In contrast, the observation well at Stratford shows considerable improvement of water levels during the 1957-1963 period. This is a result of the fact that the city put more wells into production in areas beyond the Romeo Street well field. The low level of the well at Stratford at the end of the period resulted from the below-average precipitation in 1963.

Figure 2 shows graphs of water levels in three observation wells: No. 15 adjacent to the Thames River in the northern part of London; No. 29 in London's Lambeth well field in the Township of Westminster; and No. 56, an abandoned municipal well at Forest. The graphs of wells No. 15 and 29 reached their

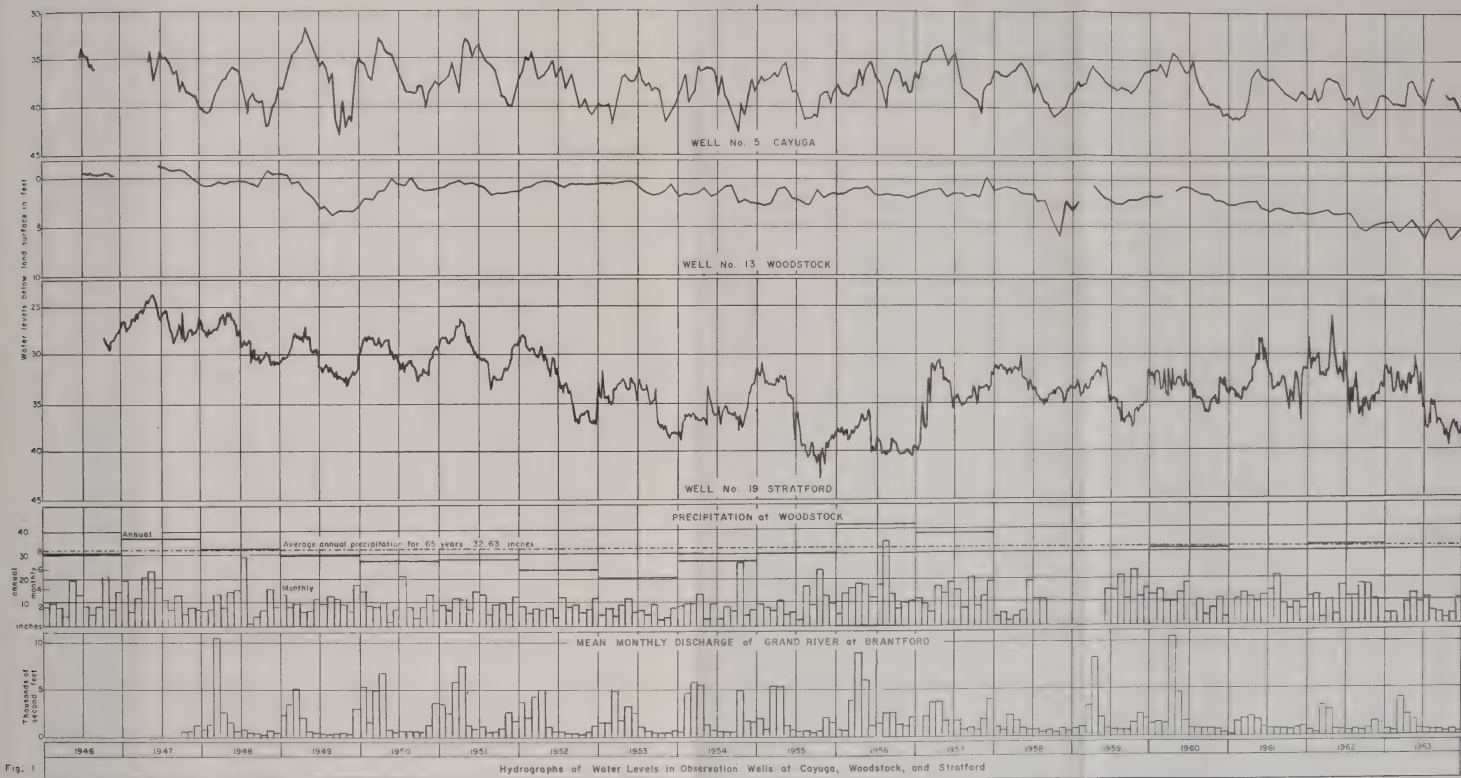
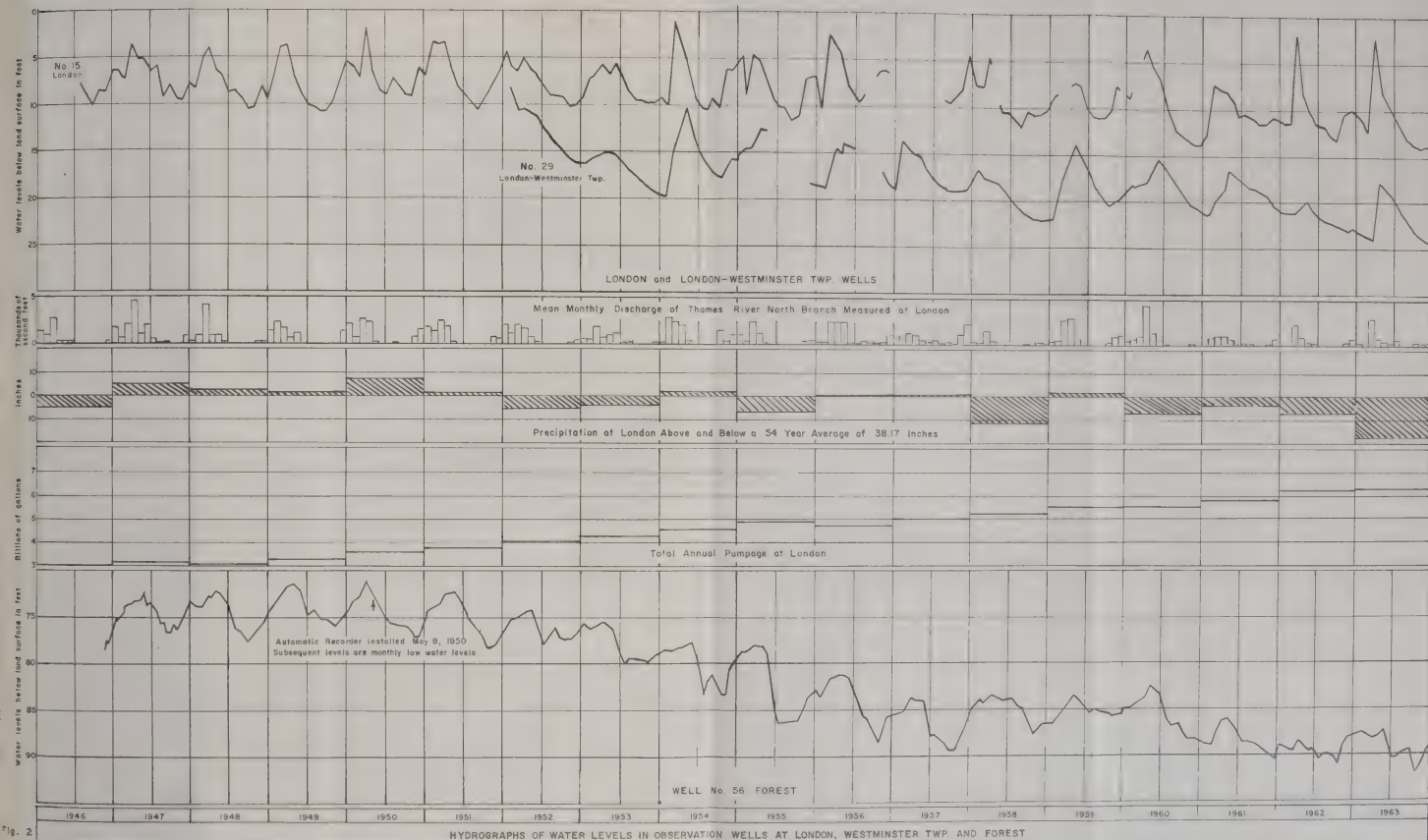


Fig. 1

Hydrographs of Water Levels in Observation Wells at Cayuga, Woodstock, and Stratford



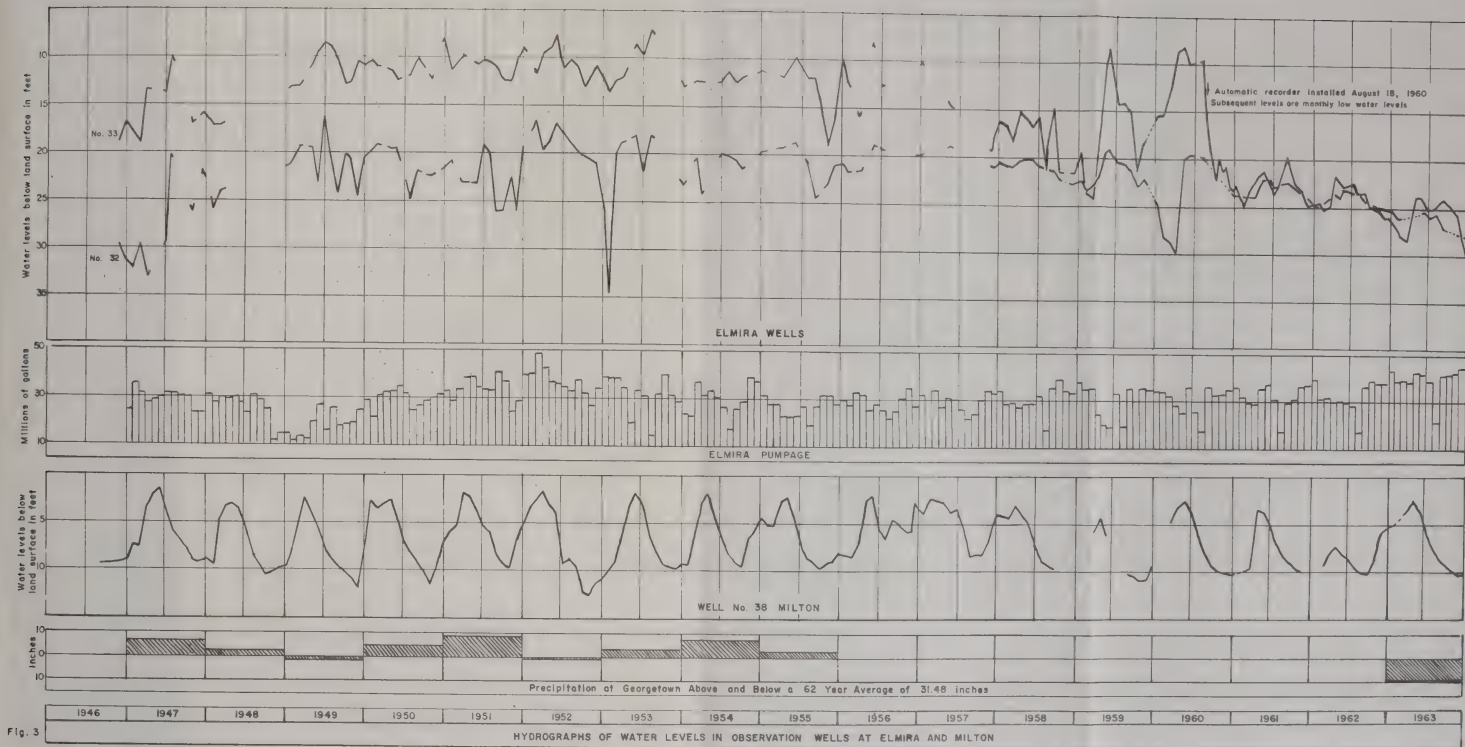


Fig. 3

HYDROGRAPHS OF WATER LEVELS IN OBSERVATION WELLS AT ELMIRA AND MILTON

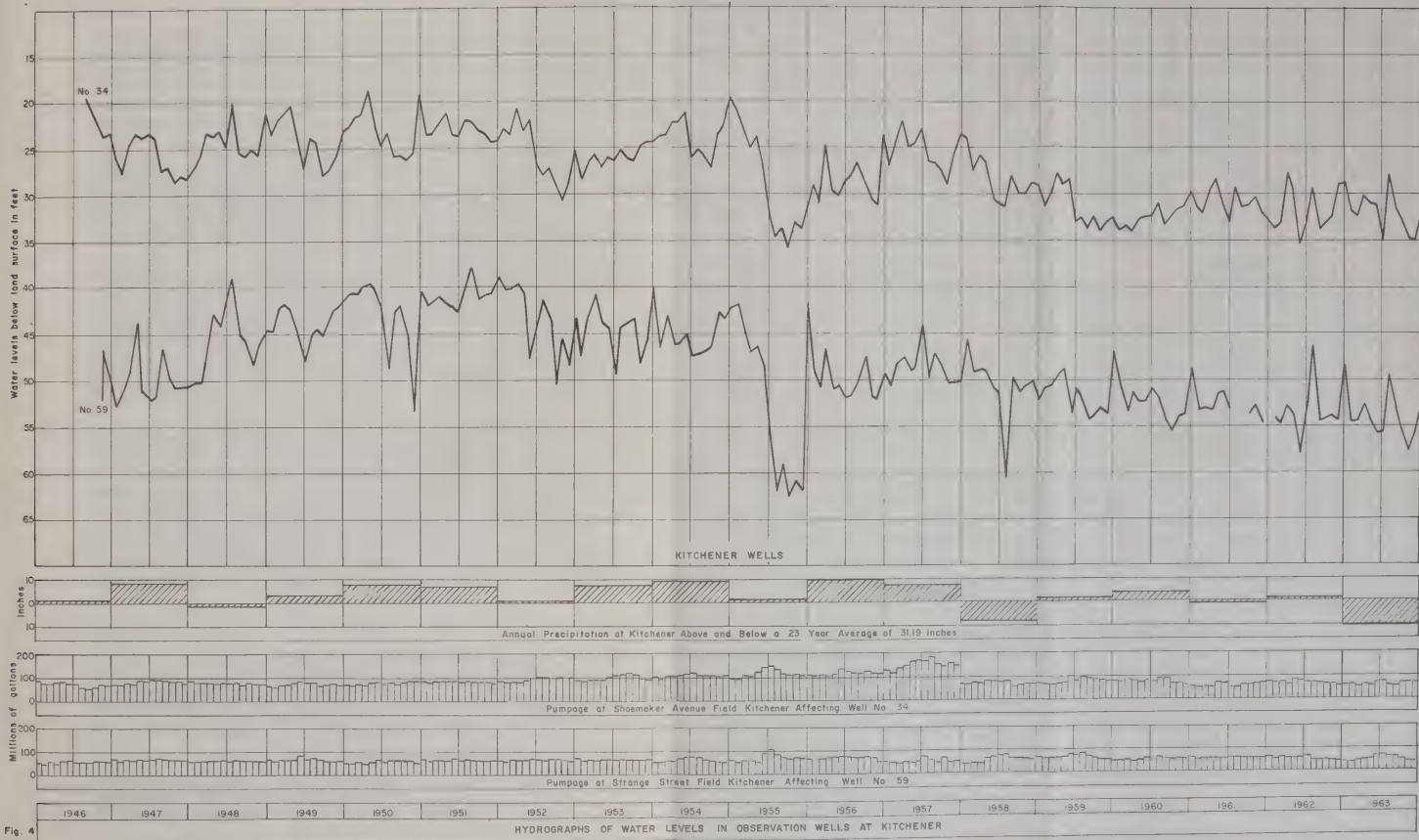
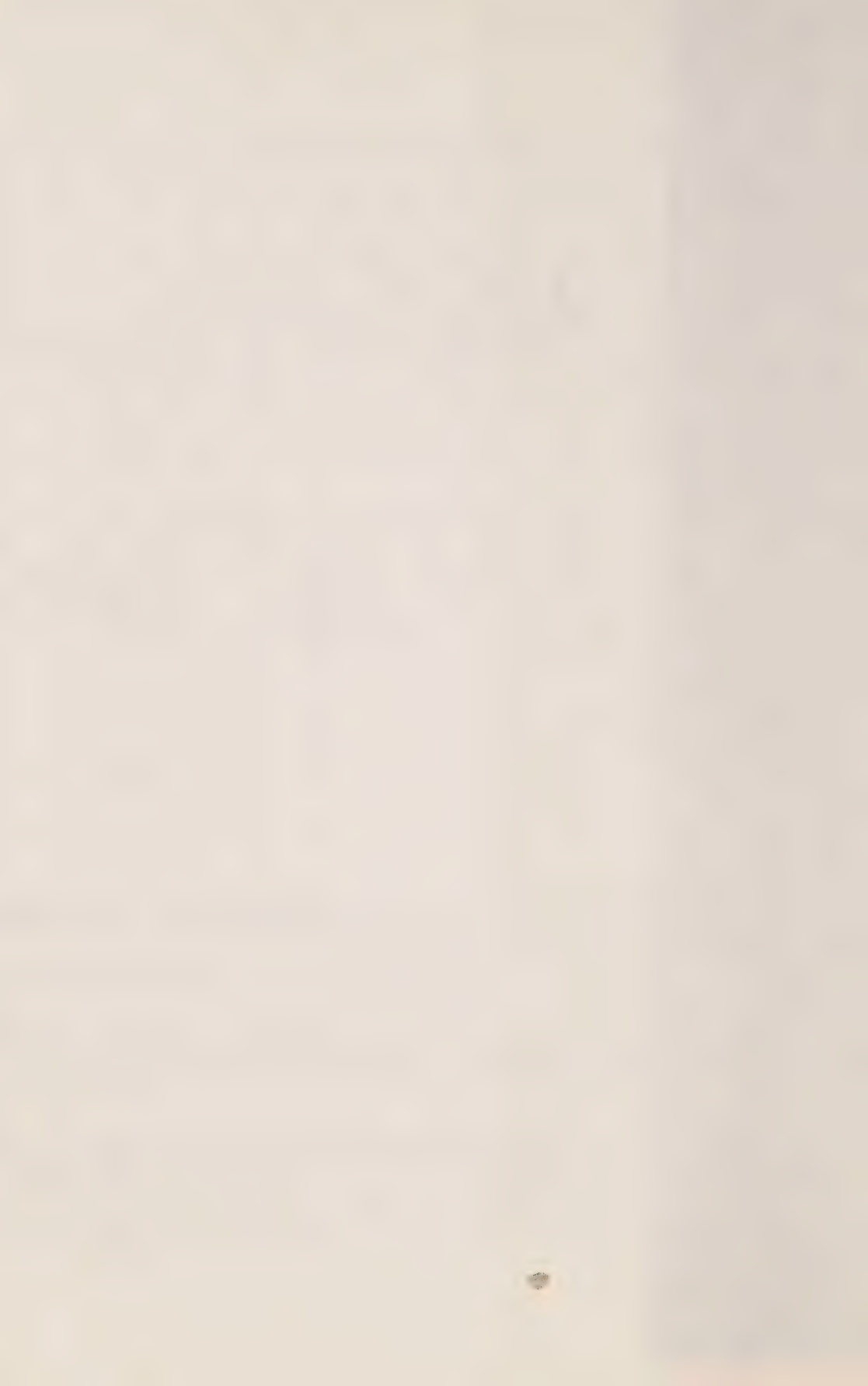


Fig. 4



lowest recorded levels late in 1963, following a twelve-month period of very light precipitation. These low levels were preceded by fairly high levels in March. The graphs demonstrate the depletion effects caused by lack of precipitation. At Forest, the lowering water levels in well No. 56 continued to reflect the increasing pumpage from municipal wells.

Figure 3 depicts water levels measured at Elmira and Milton. The striking feature here is the apparent rapid lowering of water levels in observation well No. 33 at Elmira. Since August 1960 an automatic water level recorder has improved the quality of records from this station and changed their nature. Pumping at nearby municipal wells lowers the water level in this observation well. Previous manual measurements did not indicate whether normal or pumping levels were being measured. The recorder chart indicates the normal levels as well as the pumping levels and pumping periods. Since the establishment of the recorder it has been possible to plot the monthly low levels instead of a random manually measured level. At Milton, the low water levels measured at the end of 1963 were exceeded by the year-end low levels of 1952 and 1959, both were years of below average precipitation but were less extreme than 1963.

Figure 4 records water levels measured in well No. 34 at Kitchener's Shoemaker Avenue well field and well No. 59 in the city's Strange Street well field. It is interesting to note here that, although Kitchener put additional municipal wells into production in 1959 beyond the two areas just mentioned, the water level trend to the end of 1963 was downward. The growth of the city with impervious pavement and roof surfaces and improved drainage added to the general depletion of the aquifers by diverting to storm sewers a great deal of precipitation which at one time fell on the recharge areas of the various well fields.

Water Wells

Most wells are constructed to obtain a water supply but some are constructed for other purposes—to find and test aquifers suitable for the construction of high-capacity wells, to measure changes of water level in observation wells or changes in water quality in monitoring wells, and to recharge aquifers.

There are many methods for constructing wells. The selection of method depends on the character of formations to be penetrated, the proposed use of the well, the diameter and depth, the quantity required, and economic considerations.

Water supplies from shallow aquifers can be extracted by dug, bored, drilled, driven or jetted wells. Supplies from deep aquifers in the overburden or bedrock can be developed most readily by wells drilled by cable-tool, hydraulic rotary or reverse rotary methods. As a general rule, drilled wells which reach deeper aquifers are less likely to be affected by seasonal variations in precipitation and usually produce a more dependable water supply. Shallow overburden wells are important in areas where drilled wells are deep and costly or where only poor quality water is obtainable at depth. Dug or bored wells generally have larger diameters and provide storage capacity for water percolating slowly into the wells from formations of poor permeability and can sometimes provide sufficient water for intermittent use in relatively poor ground water areas.

In many cases dug or bored wells have not been constructed in a sanitary manner and their water supplies get contaminated. This is caused commonly by rain water or surface drainage entering the well through cracks or openings near the top where contaminants of various kinds exist. All wells should be constructed to prevent surface water getting into the well from the top. In addition to using water-tight materials, the well top should be raised above the ground surface and the ground should be sloped away from the well. The surface seal as well as other parts of a well should be given periodic maintenance, and the water should be tested at regular intervals to ensure a safe and satisfactory supply.

Wells utilized by municipalities or public water supplies come under the jurisdiction of the Ontario Water Resources Commission while private wells have to comply with the regulations of the Ontario Department of Health. Water in private wells should be tested periodically for bacteria and samples should be sent to the nearest Regional Laboratory of the Ontario Department of Health.

When a pumped well has a normal static level and its pumping level keeps dropping, deterioration of the well is indicated. This deterioration could have been caused by a poorly constructed well which did not have a screen in a formation that required one, by the use of the wrong size of screen or by pumping at a rate higher than that recommended for the formation and screen selected, by screen openings or crevices in a rock formation becoming sealed with precipitates of lime or ferruginous scale, or by the destruction of the screen due to electrolytic or bacterial action. Rehabilitation of wells is possible in several cases but will depend on identifying the causes of the problems and the costs involved. Good well construction practices and proper investigations to determine the correct selection of materials and sizes of components are worthwhile investments in the development of water wells.

Licensed Boring and Drilling Contractors - 1960-1963

Appendix B is a list of licensed water-well boring and drilling contractors for the whole province and the number of wells constructed by each contractor in each of the years under review. The contractors are listed according to their County or District of residence but the wells shown against each contractor were not necessarily constructed in the District or County of residence of the contractor.

Water-Well Records

All water-well records forwarded by contractors are on file at the office of the Ontario Water Resources Commission in Toronto and are available to the public for reference purposes in the office.

The number of records submitted by contractors for the southwestern area for the period covered by this Bulletin are shown below:

Year	1960	1961	1962	1963
No. of wells reported	2541	2931	3256	3428
Percentage of wells reported to be dry	9	8	10	8

Most of the important information from the records has been compiled in appendix C and summarized in tables IV to VII. All information is essentially as supplied by the driller except for obvious errors which have been corrected by the staff of the Hydrologic Data Branch. The logs have rarely been changed except in a few instances where frequent repetitions of formations in long logs have been combined into more convenient general descriptions.

Wells drilled in parts of townships annexed by adjoining municipalities are recorded generally in the townships in which the wells were situated at the time of construction.

The pumping-test rates, reported in gallons per minute, do not necessarily represent the rates at which the wells could continue to supply water for prolonged periods of pumping. Continuous pumping at the stated rates could have resulted in some of the wells being pumped dry while others may have been capable of being pumped steadily at much higher rates than those carried out during the pumping tests.

Well water intended for use in churches, schools, hotels, and buildings generally occupied by several families or groups of people was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in factories, greenhouses and dairies, as industrial; for market gardens, as irrigation.

Many test holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable for large yields.

TABLE IV SUMMARY OF WATER-WELL DRILLING DATA FOR 1960

SOUTHWESTERN AREA

County or District	Total No. of wells Drilled	Water-Bearing Formation			Type of Water				Use									
		Over-burden	Bedrock	Not In-dicated Holes	Fresh	Salt	Sulphur	Mineral	Not In-dicated Holes	Dry Holes	Dom. of Stock	Public Supply	Comm. clal	Indus-trial	Irrig-ation	Test Hole	Not In-dicated	Not Used
Brant	79	46	33		71		6		2	3	55	9	2	3	6	3		
Bruce	110	1	106	3	105		2				26	7	2					3
Dufferin	36	3	33		35						70	5	5					5
Elgin	112	97	3	12	90						19	5	4		1	27		26
Essex	148	38	91	19	95		34		8		102	11	2	8	2			2
Grey	123	27	94	2	114		6	1			46	7	2					3
Haldimand	58	8	47	3	40		15				1	7	2					1
Huron	85	6	78	1	81		3				172	8	1	2	2			93
Kent	227	56	86	85	136				1		119	6	3	3		2		11
Lambton	163	29	99	35	113		5	1			100	8	5	2			1	93
Lincoln	90	15	70	5	73		5				70	6	5	2				11
Manitoulin	40	3	35	2	32		6		1		31	15	3	1				15
Middlesex	194	129	42	23	155		15		2		121	13	6	2	5	29		50
Norfolk	146	93	42	11	121		12		1		101	12	8	4	27	10		2
Oxford	144	86	53	15	131		8		2		112	12	8	4	3	2		15
Perth	80	10	69	1	79						69	8	1	3				3
Waterloo	150	94	46	10	120		1				112	7	3	1				8
Welland	107	15	86	10	82		14		1		90	6	5	4		22		3
Wellington	126	13	112	1	124						111	8	3	1		8		1
Wentworth	323	26	291	6	286		25		4		276	12	8	3		10		7
Total 1960	2541	795	1516	230	2105	18	164	2	22	230	1883	158	63	45	4	113	1	234

TABLE V SUMMARY OF WATER WELL DRILLING DATA FOR 1961

SOUTHWESTERN AREA

SOUTHWESTERN AREA																			
County or District	Total No of Wells Drilled	Water-Bearing Formation				Type of Water				Use									
		Over-burden	Bedrock	Not In-dicated	Dry Holes	Fresh	Salt	Sulphur	Mineral	Not In-dicated	Dry Holes	Domest Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not In- dicated	Not Used
Brant	102	51	49	2		97		3		2		75	4	5	1	14			3
Bruce	117	11	111	1		111				1		43	15	5	1	1			2
Dufferin	49	8	41	5		49						61	2	1	1				6
Elgin	78	71	2	5		83		2		5		102	7	1	7	5			13
Essex	133	27	98	7		122	1	40	1	7		119	5	2	1				9
Grey	136	18	111	1		127		6		1		116	11	4	3				1
Haldimand	58	12	45	1		150		7				107	4	4	2				140
Huron	131	30	101	127		127		4		1		68	4	3	3				51
Kent	254	51	82	121		129	1	10		2		100	4	4	2	1			2
Lambton	158	30	89	39		108	4	5		3		181	17	5	6	7	55	1	24
Lincoln	80	8	72	23		68				9		173	16	5	1	32	10		5
Manitoulin	31	184	31	26		230	1	25		2		148	10	2	2	4	1		1
Middlesex	290	156	80	8		180		22		8		96	18	5	3				5
Norfolk	207	207	46	8		181	1	6		1		181	12	7	2				2
Oxford	196	99	89	11		113		4		2		96	8	5	1				5
Perth	118	16	102	1		116				3		181	12	7	2				2
Waterloo	177	127	45	5		169	1	23		2		277	12	5	2				5
Welland	117	15	94	6		84				3									
Wellington	200	30	170	2		200													
Wentworth	299	41	258			270		29											
Total 1961	2931	979	1716	2	234	2465	11	202	1	18	234	2269	145	59	35	67	82	8	266

TABLE VI SUMMARY OF WATER-WELL DRILLING DATA FOR 1962
SOUTHWESTERN AREA

County or District	Total No. of Wells Drilled	Water-Bearing Formation			Type of Water					Use									
		Over-burden	Bedrock	Not Indicated	Dry Holes	Fresh	Salt	Sulphur	Mineral	Not Indicated	Dry Holes	Dom. or Stock	Public Supply	Commercial	Industrial	Irrigation	Test Hole	Not Indicated	Not Used
Brant	129	67	62			120		6	3			83	7		1	36	1		2
Bruce	135	1	134			130		5				123	5						2
Dufferin	59	19	35		5	53	1			2		48	2						5
Elgin	112	98	10		4	100		6				96	3				1		7
Essex	103	18	79		6	75	1	21				80	2			4			10
Grey	156	21	130		5	148	1					133	10						6
Haldimand	73	10	60		3	56		13	1			61	5						3
Huron	134	13	121			133		4				124	4		1			1	
Kent	273	63	102		108	152	6	1	1	2	108	130	8	1				1	131
Lambton	191	27	104		60	109		21		1	60	113	4						71
Lincoln	79	17	62			75		4				74	1						1
Manitoulin	4	39			7	40	1	2	1	55	36	6	1		1				9
Middlesex	349	207	92		50	220		24			50	209	11			4	108		13
Norfolk	244	198	42		4	223		17			4	171	8		2	33	19		3
Oxford	269	130	87		52	208		8	1		52	174	8			6	72		4
Perth	102	21	81			100		2				88	10		1				
Waterloo	191	117	66		8	181		1		1	8	158	8		3	2	14		1
Welland	98	8	83		7	76		14			7	77	6		1		8		4
Wellington	239	37	201		1	229	1	7		1	1	209	20					2	5
Wentworth	270	32	235		3	243	4	20			3	246	9		2				5
Total 1962	3256	1108	1825		323	2671	15	178	7	62	323	2433	135	45	41	91	223	7	281

TABLE VII SUMMARY OF WATER-WELL DRILLING DATA FOR 1963
SOUTHWESTERN AREA

County or District	Total No. of Wells Drilled	Water-Bearing Formation			Type of Water				Use										
		Over-burden	Bedrock	Not In-dicated Holes	Dry Holes	Fresh	Salt	Sulphur	Mineral	Not In-dicated	Dry Holes	Dom. or Stock	Public Supply	Commer- cial	Indus- trial	Irrig- ation	Test Hole	Not In- dicated	Not Used
Brant	94	48	43		3	84		6	1		3	83	6	1					3
Bruce	132	4	128			126		4	1			117	11	2					1
Dufferin	48	9	37		2	46					2	42	2						2
Elgin	136	118	9		5	123					9	109	9	1		1			13
Essex	131	33	93		5	101		25			5	105	3	1					11
Grey	150	19	130		1	144		3			1	140	5	1					3
Haldimand	78	5	72		1	61		16			1	74	2						2
Huron	187	52	132		3	183					3	174	6	2					3
Kent	335	77	136		122	198		1		4	122	168	10	1				1	2
Lambton	229	42	128		59	144		22		2	59	135	14	1				2	3
Lincoln	93	13	79		1	87		1				83	5	1					1
Manitoulin	46	2	40		4	34		5			4	34	1	1					2
Middlesex	327	244	60		23	284		14	2	3	23	269	12	1		5	5		10
Norfolk	207	147	39		21	172		10	3	1	21	108	6	1		40	30		32
Oxford	189	92	88		9	174		6			9	160	7	13		3	13		8
Perth	144	25	116		3	136		4		1	3	123	5	5			4		2
Waterloo	230	164	61		5	224		1			5	200	20	3			3		3
Welland	90	10	80		0	75		15			1	76	8	3			1		3
Wellington	251	41	209		1	250				1	18	226	8	3		1	6	1	3
Wentworth	331	65	248		18	284		26				292	10	5		1	19		4
Total 1963	3428	1210	1928		290	2430	30	159	7	12	290	2718	150	49	33	57	81	8	332

APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS

SOUTHWESTERN ONTARIO

1960, 1961, 1962, 1963

Levels above land surface +

All other levels are below land surface.

Brant County

Observation Well No.: 85
 Observer: G. McLaughlin
 Location: Brantford township, con 1, lot 29, property of G. McLaughlin
 Type: Dug 24 feet, drilled to 99 feet, used
 Depth: 99 feet
 Aquifer: Rock
 Recording method: Automatic recorder
 Records commenced: September 3, 1959
 Measuring point: Top of wooden planking at ground surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.35	.....	.....	11.70	.....	18.27	21.75	18.00	14.05
2	9.80	.....	.....	11.93	.....	19.17	21.65	.....	14.67
3	9.50	.....	.....	12.48	.....	.....	21.15	18.00	15.45
4	9.55	.....	.....	11.82	.....	18.95	20.40	17.88	14.02
5	10.27	6.21	.....	12.28	.....	19.70	19.94	.....	13.92
6	9.50	6.21	.....	12.76	.....	18.94	.....	.....	13.60
7	10.14	5.95	.....	12.61	.....	20.00	21.57	.....	15.05
8	11.07	.....	.....	9.01	6.05	8.92	12.76	.....	20.28	21.66	.....	13.54
9	11.10	.....	.....	9.75	5.36	9.73	13.19	.....	20.32	21.18	.....	13.49
10	4.40	9.74	14.33	.....	20.30	21.45	.....	13.47
11	9.68	4.03	10.70	14.50	.....	20.13	21.20	.....	13.35
12	9.36	4.68	10.74	14.63	.....	19.60	20.72	.....	13.25
13	9.07	6.76	10.90	16.01	.....	20.17	20.70	.....	13.58
14	5.55	7.27	10.68	15.97	.....	20.22	21.70	.....	13.61
15	8.57	6.96	.....	14.95	.....	20.80	.....	.....	12.86
16	8.08	6.80	10.40	16.58	.....	20.81	21.50	14.90	13.05
17	8.65	8.05	9.70	16.53	.....	21.70	21.65	14.91	13.05
18	8.17	7.10	10.10	15.43	.....	21.32	21.43	14.60	13.22
19	8.05	5.87	10.00	16.72	.....	21.47	21.10	14.68	13.21
20	8.38	5.32	10.08	15.97	.....	.....	21.18	14.38	13.19
21	8.07	4.76	10.80	15.37	.....	.....	21.63	14.82	13.22
22	8.57	4.35	11.32	16.08	.....	20.37	21.35	14.75	13.05
23	9.20	.....	10.92	16.00	.....	21.16	20.65	14.68	.....
24	8.48	.....	10.60	16.61	.....	21.05	20.08	14.67	.....
25	8.45	.....	11.08	16.50	.....	20.98	21.66	14.40	.....
26	8.67	.....	11.32	16.73	16.52	20.77	19.80	14.50	13.52
27	8.25	4.90	11.57	16.80	17.57	20.60	18.85	14.65	13.75
28	8.98	8.55	6.08	11.93	16.88	17.65	21.45	20.78	14.60	13.75
29	10.92	8.47	.....	11.49	16.92	17.74	21.65	20.06	14.44	13.76
30	9.50	9.10	.....	.....	17.37	17.35	22.18	18.47	14.27	14.32
31	8.92	.....	.....	.....	17.00	18.07	.....	19.12	.....	14.00

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	13.70	13.07	12.92	13.05	13.78	12.35	20.90	.....	.....	.....	.....	.....
2	13.70	13.12	12.85	11.72	13.25	11.93	19.40	.....	.....	.....	.....	.....
3	13.80	13.07	12.07	11.68	10.49	12.03	18.57	.....	.....	.....	.....	.....
4	13.48	13.05	12.87	11.75	9.90	12.59	18.36	.....	.....	.....	.....	.....
5	13.66	13.08	12.88	11.99	11.02	13.07	19.00	.....	.....	.....	.....	.....
6	13.94	13.58	12.48	11.82	9.80	13.85	20.24	.....	.....	.....	.....	.....
7	13.32	13.66	12.47	11.22	9.72	14.47	22.05	.....	.....	.....	.....	.....
8	13.41	13.41	12.18	13.52	10.33	14.27	20.33	.....	.....	.....	.....	.....
9	13.33	13.41	.....	.....	10.10	14.60	19.94	.....	.....	.....	.....	.....
10	13.31	13.29	.....	.....	10.15	16.50	21.12	.....	.....	.....	.....	.....
11	13.17	13.49	12.64	.....	10.45	.....	21.24	.....	.....	.....	.....	.....
12	13.08	13.49	12.75	.....	10.35	.....	22.20	.....	.....	.....	.....	.....
13	13.22	13.78	12.57	11.63	10.71	14.50	21.67	.....	.....	.....	.....	.....
14	12.93	14.46	12.27	11.50	11.18	14.48	22.13	.....	.....	.....	.....	.....
15	12.77	14.94	12.17	11.05	10.70	15.14	23.17	.....	.....	.....	.....	.....
16	13.15	13.75	12.10	10.55	10.52	15.56	21.60	.....	.....	.....	.....	.....
17	13.07	13.43	12.00	10.68	10.48	15.85	21.34	.....	.....	.....	.....	.....
18	13.38	13.25	12.22	12.15	11.03	15.93	21.48	.....	.....	.....	.....	.....
19	13.27	13.51	13.18	11.02	10.53	16.50	22.17	.....	.....	.....	.....	.....
20	13.32	13.93	12.25	11.25	10.13	17.22	22.21	.....	.....	.....	.....	.....
21	13.18	13.80	11.97	10.67	10.10	16.34	21.95	.....	.....	.....	.....	.....
22	13.35	13.61	11.71	10.45	9.50	17.18	21.52	.....	.....	.....	.....	.....
23	13.24	13.10	11.85	10.32	11.03	16.21	21.37	.....	.....	.....	.....	.....
24	13.17	13.63	12.25	10.84	10.94	16.65	23.60	.....	.....	.....	.....	.....
25	13.34	13.38	12.02	10.27	10.72	16.23	21.35	.....	.....	.....	.....	.....
26	13.04	13.17	12.00	10.37	10.30	17.42	20.05	.....	.....	.....	.....	.....
27	12.80	13.35	12.59	10.97	.....	17.79	.....	.....	.....	.....	.....	.....
28	13.05	13.20	11.82	10.07	.....	17.25	.....	.....	.....	.....	.....	.....
29	13.00	.....	11.65	10.02	.....	19.05	.....	.....	.....	.....	.....	.....
30	13.15	.....	11.72	9.98	11.65	20.97	.....	.....	.....	.....	.....	.....
31	13.07	.....	12.50	.....	12.05	.....	.....	.....	.....	.....	.....	.....

Dufferin County

Observation Well No.: 46
Observer: I. Potter
Location: East Luther township, con IV, lot 29
Type: Dug to 20 feet, bored to 35 feet, used
Depth: 35 feet
Aquifer: Sand
Recording method: Manually by tape, approximately every two weeks
Records commenced: Nov.27, 1953
Measuring point: Top of wooden plank, 1 foot above land surface

Distance of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 5	1.28	Mar.16	1.39	May 21	.68	Jul.25	1.92
Feb. 1	1.19	Apr. 2	.38	Jun. 2	.32	Aug.29	4.03
Feb.22	.95	Apr.11	.82	Jul. 4	1.07	Sep.29	5.63

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.19	9.93			Jul. 1	3.15	Oct.13	7.74
Feb.13	10.46			Jul.17	3.99	Oct.31	8.42
				Aug.12	5.14	Nov.13	8.99
				Sep.12	6.45	Dec. 5	9.60
						Dec.27	10.10

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.22	10.63	Apr. 2	5.72	Jul. 7	4.56	Oct. 7	8.50
Feb. 8	10.94	Apr.17	2.33	Jul.28	5.48	Oct.28	9.29
Mar. 6	11.23	May 17	2.44	Aug.24	6.70	Nov.13	7.79
Mar.20	11.23	Jun.23	3.94	Sep.12	7.56	Nov.30	7.47
						Dec.15	5.98

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.17	6.24	Apr.24	0.84	Jul.11	3.16	Oct. 9	7.32
Feb.19	6.84	May 22	0.60	Aug.17	4.86	Nov. 5	8.43
Mar. 6	7.07	Jun.17	1.82	Sep.11	6.07	Nov.21	9.06
Mar.28	3.10					Nov.28	10.27

Haldimand County

Observation Well No.: 5
Observer: C.W. Beckerson
Location: North Cayaga Township, Jones Tract, lot 23, Property of Department of Transport (Canada).
Type: Drilled, used
Depth: 125 feet
Aquifer: Sand
Recording method: Manually by tape, approximately every two weeks
Records commenced: June 29, 1946
Measuring point: Top of collar 1 foot above land surface, elevation 667 feet

Distance of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.15	35.87	Apr. 1	35.06	Jul. 5	36.02	Oct. 2	39.57
Feb. 1	36.08	Apr.15	34.10	Jul.15	35.69	Oct.15	39.54
Feb.15	35.47	May 2	34.56	Aug. 1	36.22	Nov. 1	39.84
Mar. 2	36.02	May 15	35.42	Aug.15	37.85	Nov.15	39.78
Mar.15	36.84	Jun. 2	36.05	Aug.29	38.46	Dec. 1	40.88
		Jun.15	36.36	Sep.15	38.85	Dec.15	40.52

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	41.16	Apr. 3	39.09	Jul. 3	37.17	Oct. 2	38.58
Jan.15	40.79	Apr.17	36.78	Jul.15	36.87	Oct.15	38.84
Feb. 2	41.17	May 2	36.32	Aug. 2	36.95	Nov. 6	39.24
Mar.15	40.55	May 15	35.82	Sep.15	38.31	Nov.15	38.81
		Jun. 2	36.58			Dec. 1	38.23
		Jun.15	36.81			Dec.15	38.56

Haldimand County

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	38.96	Apr. 1	36.78	Jul. 16	38.83	Oct. 3	41.02
Jan. 15	38.94	Apr. 16	36.87	Aug. 1	39.67	Oct. 15	40.89
Feb. 3	37.82	May 1	37.05	Aug. 15	39.13	Nov. 5	40.19
Feb. 15	39.42	May 15	37.69	Sep. 4	40.36	Nov. 15	39.64
Mar. 4	38.66	Jun. 4	38.82	Sep. 15	40.78	Dec. 1	38.65
Mar. 15	37.15	Jun. 16	39.13			Dec. 15	38.59

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	38.77	Apr. 2	39.73	Jul. 2	38.56	Oct. 15	38.78
Jan. 15	39.22	Apr. 15	37.26	Jul. 15	38.05	Nov. 1	38.99
Feb. 1	39.54	May 6	37.08	Aug. 1	36.89	Nov. 15	38.72
Feb. 15	39.38	May 15	37.73			Dec. 3	39.88
Mar. 3	39.54	Jun. 1	38.49			Dec. 16	40.23
Mar. 15	39.62	Jun. 15	38.33				

Haldimand County - cont.

Observation Well No.: 64
 Observer: C.W.Beckerson
 Location: North Cayuga township, Jones Tract, lot 23, property of Department of Transport
 Type: Drilled, used
 Depth: 100 feet
 Aquifer: Limestone
 Recording method: Manually by tape, approximately every two weeks
 Records commenced: April 15, 1954
 Measuring point: Top of casing at land surface, elevation 667 feet

Distance of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 15	30.82	Apr. 1	32.15	Jul. 4	29.41	Oct. 2	29.68
Feb. 1	31.06	Apr. 15	31.67	Jul. 15	29.63	Oct. 15	30.92
Mar. 2	32.13	May 2	31.18	Aug. 1	29.53	Nov. 1	30.78
Mar. 15	32.41	May 15	30.76	Aug. 15	30.42	Nov. 15	31.12
		Jun. 2	30.36	Aug. 29	29.02	Dec. 1	32.13
		Jun. 15	29.78	Sep. 15	30.54	Dec. 15	33.47

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	34.68	Apr. 3	34.96	Jul. 3	31.78	Oct. 2	31.87
Jan. 16	38.60	Apr. 17	32.68	Jul. 15	31.23	Dec. 5	34.23
Feb. 2	36.13	May 2	31.82	Aug. 2	30.66		
Mar. 15	34.47	May 15	31.37	Sep. 15	31.23		
		Jun. 2	31.06				
		Jun. 15	31.42				

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	35.42	Apr. 3	33.53	Jul. 16	35.53	Oct. 3	36.14
Jan. 15	35.18	Apr. 16	33.26			Oct. 15	35.78
Feb. 3	34.92	May 1	33.22	Aug. 1	36.54	Nov. 5	34.86
Feb. 15	35.42	May 15	33.37	Aug. 15	35.94	Nov. 15	35.12
Mar. 4	35.18	Jun. 4	35.77	Sep. 4	35.06	Dec. 1	35.23
Mar. 15	34.26	Jun. 16	35.36	Sep. 15	35.84	Dec. 15	35.10

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	34.97	Apr. 2	35.41	Jul. 2	36.82	Oct. 15	34.82
Jan. 15	35.32	Apr. 15	34.28	Jul. 15	36.16	Nov. 1	35.23
Feb. 1	35.67	May 6	33.62	Aug. 1	34.08	Nov. 15	34.92
Feb. 15	35.38	May 15	34.47			Dec. 3	35.57
Mar. 3	34.75	Jun. 1	35.59			Dec. 16	35.83
Mar. 15	35.15	Jun. 15	35.87				

Lambton County

Observation Well No.: 56
 Observer: S.Ellerker
 Location: Town of Forest, Hickory Creek Drainage Basin
 Type: Drilled, municipal, abandoned.
 Depth: 110 feet
 Aquifer: Overburden
 Recording method: Automatic recorder
 Records commenced: Nov.28, 1946
 Measuring point: Top of pump base 1.63 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	84.65	84.09	84.14	83.40	82.23	82.31	83.13	85.28	86.42	86.32	87.20	87.92
2	.....	84.17	84.14	.....	82.28	82.02	82.95	86.05	86.20	86.36	86.71	87.81
3	83.57	84.69	83.82	.....	82.14	82.03	82.95	86.05	86.89	86.12	86.94	87.65
4	83.89	84.36	83.47	.....	82.24	82.02	83.49	84.74	85.82	86.25	87.14	87.36
5	83.89	84.00	83.62	.....	82.31	82.04	83.59	85.69	85.87	86.21	86.92	87.02
6	84.02	83.27	83.74	.....	82.27	83.88	83.65	86.05	85.81	85.91	87.94	87.01
7	83.90	83.51	83.72	.....	81.93	82.30	83.59	86.04	85.93	86.23	87.59	87.03
8	83.58	83.46	83.92	.....	81.97	82.62	83.67	85.27	86.91	86.30	87.20	87.16
9	84.61	83.22	83.77	83.14	81.74	82.67	83.73	85.47	86.91	86.04	87.12	87.16
10	84.17	83.99	83.69	83.52	81.47	82.74	83.65	85.27	86.67	85.87	87.31	87.17
11	84.21	83.32	83.95	83.13	81.67	82.60	83.67	85.40	86.22	86.95	87.20	.....
12	84.12	83.89	84.01	83.29	81.82	82.32	84.62	85.32	85.92	86.02	87.17	87.22
13	83.92	84.08	83.88	83.37	81.75	82.11	84.45	85.21	85.99	86.00	87.02	87.43
14	84.06	83.47	83.62	83.13	81.73	82.11	84.02	85.12	86.05	86.05	87.04	87.00
15	83.62	83.61	84.07	83.03	81.73	82.09	84.11	86.52	86.32	86.23	86.72	86.75
16	83.92	83.61	83.69	82.75	81.73	82.22	84.06	85.56	86.37	86.21	86.37	87.12
17	84.03	84.09	83.40	82.77	81.60	82.30	.....	85.44	86.30	86.10	86.72	87.11
18	83.52	84.17	83.50	83.07	81.82	82.51	83.84	85.36	.....	87.69	86.61	87.13
19	83.59	83.42	83.32	83.08	82.03	82.59	83.98	85.28	85.92	87.34	86.85	87.22
20	85.50	83.84	83.38	82.95	81.95	82.62	83.95	85.12	86.24	86.57	86.74	87.27
21	85.46	83.78	83.34	82.53	81.93	82.76	85.14	85.87	86.25	86.59	86.60	86.62
22	84.12	83.44	83.39	82.43	81.75	82.96	84.80	85.29	86.19	86.42	86.61	86.90
23	84.17	83.75	83.64	82.47	81.72	82.55	85.20	84.84	86.24	87.12	86.94	87.47
24	84.18	83.89	83.32	82.28	81.72	82.67	85.20	85.41	86.17	86.78	86.93	87.36
25	83.94	83.89	83.67	82.13	82.14	83.11	86.02	85.53	.....	86.71	86.75	87.10
26	83.92	83.18	83.53	82.13	82.22	83.09	85.97	85.89	.....	86.62	86.59	86.99
27	84.02	83.67	83.57	82.45	82.06	83.05	85.01	85.72	.....	87.68	86.64	87.27
28	84.08	83.77	83.59	82.45	82.22	83.10	84.84	85.50	.....	87.47	86.64	87.29
29	84.27	83.62	83.39	82.50	82.29	82.94	84.83	85.50	.....	87.44	86.31	86.95
30	84.44	.....	82.92	82.09	81.98	83.09	85.69	85.70	.....	87.55	87.47	86.71
31	84.17	.....	82.92	.....	81.87	.....	85.40	86.36	.....	86.93	.....	86.70

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	87.00	87.40	87.02	85.37	85.09	84.87	87.41	87.82	86.82	87.52	88.28	88.83
2	87.05	87.59	86.69	.....	85.14	84.87	86.97	87.34	86.82	87.49	88.10	88.74
3	86.88	87.49	86.58	.....	85.53	85.52	86.66	87.32	88.00	87.47	88.69	89.87
4	86.80	87.52	86.83	.....	85.75	85.44	86.75	88.25	87.62	87.47	88.10	89.62
5	86.76	87.59	86.59	85.32	85.80	85.27	87.44	87.67	86.59	87.32	.....	89.33
6	86.53	87.42	86.56	85.65	85.68	85.31	88.29	87.87	87.08	87.44	88.75	88.89
7	86.58	87.32	86.69	85.84	85.23	86.12	87.62	87.87	87.19	87.54	88.75	88.99
8	86.88	87.07	86.56	86.15	84.96	86.18	87.24	87.68	87.30	88.39	88.64	88.95
9	87.27	86.77	86.30	86.17	84.99	86.15	87.15	87.35	87.44	88.24	88.37	89.09
10	87.27	87.09	86.74	85.35	85.34	86.04	87.82	87.27	87.35	88.91	88.82	89.13
11	87.15	87.23	86.60	85.84	85.43	.....	88.03	88.22	87.05	87.56	.....	89.14
12	87.23	87.43	86.75	85.84	85.28	85.47	88.28	87.72	87.57	87.57	.....	88.45
13	87.25	87.43	86.75	85.40	85.09	85.39	88.28	87.38	87.54	87.47	88.88	89.17
14	87.10	87.32	85.96	85.55	85.00	85.57	87.92	87.30	86.79	87.57	89.00	89.00
15	86.91	87.37	86.09	85.55	84.85	86.77	87.38	87.22	86.84	88.32	88.99	90.07
16	87.03	87.62	87.31	84.94	85.37	86.72	.....	87.44	87.82	87.80	88.99	89.76
17	86.91	87.17	86.74	85.07	85.54	86.11	87.13	87.55	87.96	87.35	88.67	88.29
18	87.26	87.11	86.64	85.75	85.43	86.69	87.97	87.51	87.88	87.30	88.72	88.11
19	87.26	87.55	86.35	86.02	85.31	86.69	87.95	87.39	87.67	87.19	89.21	88.07
20	86.95	87.63	86.64	86.13	85.30	85.86	87.55	86.93	88.51	87.43	89.21	89.42
21	86.99	87.60	86.33	85.83	85.00	85.82	87.31	86.77	88.34	87.49	89.20	89.00
22	87.00	87.31	85.99	85.74	85.06	85.78	87.29	86.75	88.22	88.22	89.20	88.57
23	86.89	86.71	85.93	85.51	85.17	85.63	87.24	86.77	87.68	87.73	88.95	88.31
24	87.45	86.77	86.11	84.84	85.07	85.87	87.01	86.77	87.57	87.32	88.74	88.23
25	87.12	86.69	86.21	85.08	89.93	85.84	87.17	86.69	81.57	87.27	89.39	88.14
26	87.28	86.21	86.14	85.64	85.17	85.97	87.94	86.65	87.02	87.56	89.39	88.03
27	87.30	86.90	85.52	85.64	85.32	86.03	87.69	86.77	88.17	87.74	89.24	89.88
28	87.04	87.09	85.64	85.25	85.11	86.03	87.53	86.52	88.28	88.11	88.74	87.84
29	87.15	.....	85.97	85.48	85.50	87.42	87.54	86.85	87.50	88.69	89.69	87.82
30	87.34	.....	86.01	85.28	85.52	87.44	87.28	86.92	87.27	87.92	89.62	.....
31	87.17	.....	85.94	.....	85.42	.....	87.92	86.91	.....	87.10	.....	88.83

Lambton County - cont.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	88.45	88.14	88.61	87.53	86.52	89.17	88.60	89.32	89.73	90.15	88.72	87.77
2	88.10	88.02	88.57	87.89	86.42	....	88.37	89.42	89.45	90.00	88.94	87.79
3	87.74	87.97	88.34	88.07	86.39	88.48	88.52	89.28	89.03	90.47	88.94	87.95
4	88.53	87.83	88.21	88.05	86.63	88.85	88.77	89.05	88.93	90.47	88.64	87.62
5	88.32	87.80	88.01	87.94	86.65	88.85	89.24	88.87	89.18	90.14	88.79	87.69
6	88.12	88.13	88.84	87.72	86.51	88.77	89.29	88.87	89.22	90.27	88.95	87.09
7	87.24	88.18	89.19	87.39	86.54	88.75	89.27	88.85	89.20	90.12	88.72	87.54
8	87.57	88.19	88.54	87.27	86.57	88.59	89.27	88.82	88.90	90.05	88.88	86.77
9	88.18	87.25	88.00	87.17	87.27	88.99	89.22	89.03	88.90	90.12	88.86	87.07
10	88.49	88.43	88.22	87.45	87.27	88.90	89.27	89.82	88.74	90.20	88.32	86.92
11	88.40	88.37	87.37	87.41	86.54	88.32	89.27	89.49	88.74	90.49	88.47	87.12
12	88.06	88.17	88.58	87.41	86.65	88.27	89.27	89.12	88.84	90.80	88.44	87.44
13	88.24	88.14	87.81	86.94	86.54	88.24	89.61	88.75	88.79	90.71	88.86	87.37
14	88.10	88.84	88.64	86.74	86.50	88.13	89.04	89.04	89.26	90.87	88.79	87.55
15	87.87	88.99	88.61	87.07	86.77	88.09	90.05	89.01	....	90.44	88.43	87.20
16	88.04	88.47	88.47	87.20	87.83	88.09	90.22	88.77	....	90.42	87.94	87.00
17	88.31	88.57	88.36	87.20	....	88.01	90.40	88.77	....	90.64	88.02	87.01
18	88.38	88.51	88.30	86.95	....	88.05	90.40	88.97	....	90.51	88.30	87.22
19	88.38	88.57	88.11	86.91	88.14	87.77	90.40	88.94	....	89.99	88.35	87.04
20	88.41	88.35	87.94	86.91	87.84	87.97	90.43	88.71	....	89.93	87.77	87.84
21	88.35	88.29	87.92	86.78	87.80	88.00	89.57	88.95	....	89.82	87.37	87.67
22	87.89	88.00	88.00	86.72	87.47	87.94	....	89.11	89.44	89.85	87.65	87.15
23	88.17	88.44	88.14	86.79	88.19	88.47	....	89.11	89.47	89.54	88.09	87.49
24	87.97	88.59	88.27	86.82	88.04	88.32	....	88.99	89.85	90.00	88.29	87.77
25	88.06	88.59	88.21	86.55	87.51	88.27	....	88.97	89.47	90.01	88.14	87.57
26	88.06	87.83	88.07	86.57	88.64	88.34	....	88.96	89.87	89.54	88.23	87.54
27	88.41	88.05	88.03	....	88.49	88.34	....	88.87	89.77	89.59	88.35	87.54
28	88.19	88.39	87.99	86.55	88.30	88.30	89.52	88.83	89.54	89.17	88.27	87.47
29	88.14	....	87.80	86.63	89.04	88.64	89.45	89.91	89.33	89.39	88.14	87.29
30	88.09	....	87.89	86.65	88.97	88.87	89.52	89.59	90.22	88.89	87.96	....
31	88.06	....	87.87	....	89.22	....	89.38	....	....	88.66	....	87.35

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	87.40	87.29	87.19	87.92	86.70	....	90.24	89.04	88.62	88.71	90.42	89.05
2	87.34	87.02	87.22	87.71	86.72	87.19	90.24	89.05	88.79	88.54	90.38	89.07
3	87.25	87.52	87.37	87.57	86.52	87.29	90.08	88.92	88.80	88.72	91.30	89.80
4	87.24	87.37	87.61	87.74	86.60	87.29	89.49	88.92	88.82	89.00	91.06	88.84
5	87.25	87.27	87.36	87.80	86.73	87.49	90.30	88.95	89.02	89.34	90.84	88.47
6	87.00	87.00	86.74	87.54	86.72	87.37	90.30	88.92	88.90	89.87	90.62	88.92
7	86.73	86.89	87.12	87.49	86.59	87.28	90.08	89.00	88.75	89.99	90.23	88.75
8	86.65	87.13	87.20	87.45	86.32	86.97	90.03	89.45	88.74	89.94	89.92	88.61
9	86.63	87.09	87.34	86.87	86.49	87.57	89.94	89.45	88.69	90.54	90.61	88.61
10	86.93	86.75	87.34	87.04	86.47	87.34	90.04	89.90	88.81	90.61	90.37	89.14
11	87.07	86.82	87.38	87.19	86.99	86.89	90.19	89.90	88.78	90.54	90.28	89.25
12	86.79	86.86	87.21	87.19	86.01	86.89	90.31	89.15	89.12	90.87	90.07	88.87
13	86.78	86.50	87.52	87.04	86.81	86.99	90.31	88.69	89.20	90.82	90.03	88.87
14	87.09	86.77	87.64	87.03	86.50	87.10	90.02	88.99	89.14	90.82	89.98	88.80
15	87.30	87.27	87.76	87.03	86.60	....	89.64	89.00	89.09	90.82	89.99	89.84
16	87.45	87.42	87.55	86.97	86.54	....	89.70	89.00	89.09	90.82	89.79	89.44
17	87.47	....	87.20	86.62	86.47	87.35	90.05	89.89	89.05	90.91	89.87	89.05
18	87.66	86.89	87.72	87.34	86.15	87.92	89.94	89.28	88.45	90.91	89.84	88.66
19	87.57	86.86	87.66	87.12	86.31	87.74	89.90	89.27	88.62	91.87	90.28	88.64
20	86.32	86.75	86.68	86.62	86.42	88.00	89.90	88.72	88.61	91.94	90.27	88.61
21	86.65	87.12	87.64	86.64	86.44	87.72	89.89	88.89	88.66	91.54	89.62	88.91
22	86.90	87.20	87.67	86.67	86.41	88.77	88.99	88.83	88.90	91.80	89.72	89.13
23	86.90	87.14	87.62	86.93	86.69	88.47	89.82	89.59	88.92	91.59	89.18	89.09
24	86.87	86.76	87.37	87.00	86.83	88.84	89.67	89.55	89.44	92.00	89.74	88.54
25	87.09	87.09	87.27	87.02	86.64	88.84	89.70	89.04	89.14	91.89	89.81	88.16
26	87.32	87.23	87.12	86.94	....	89.30	89.71	88.97	89.63	91.90	89.29	88.16
27	87.17	87.09	87.19	86.92	86.42	89.54	89.49	88.97	88.49	92.00	89.43	88.15
28	86.58	87.19	87.84	86.94	87.25	89.93	....	88.79	88.42	92.04	89.43	88.44
29	87.64	....	87.84	86.64	86.42	90.27	89.04	88.55	88.40	92.04	88.97	88.42
30	87.27	....	87.64	86.37	86.69	90.11	89.18	88.67	88.64	91.69	88.94	89.15
31	87.37	....	88.10	....	86.67	....	89.18	88.85	....	91.69	....	89.32

Middlesex County

Observation Well No.: 15
 Observer: C.W. Logan
 Location: City of London, property of London Public Utilities Commission
 Type: Drilled, gauge
 Depth: 40 feet
 Aquifer: Sand and gravel
 Recording method: Manually, by tape
 Records commenced: Jul. 30, 1946
 Measuring point: Top of casing 2 feet above land surface, elevation 786 feet

Distance of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 28	8.79	Apr. 13	3.46	Jul. 29	9.77	Nov. 4	13.17
		May 12	5.24	Sep. 3	12.09	Dec. 9	13.69
		Jun. 28	7.02	Sep. 30	12.67	Dec. 30	13.64

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 30	12.59	May 5	8.01	Jul. 25	10.33	Nov. 6	11.39
Mar. 7	7.25	Jun. 9	9.21	Sep. 8	10.78	Dec. 5	10.60
Mar. 28	7.74	Jun. 29	10.48	Sep. 28	11.34	Dec. 29	10.83

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 6	11.33	Jun. 1	10.29	Aug. 7	11.69	Oct. 9	13.13
Feb. 28	11.33	Jun. 28	11.30	Sep. 6	12.68	Nov. 6	10.39
Mar. 29	1.87					Dec. 14	9.92

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	10.43	Apr. 3	2.12	Jul. 4	10.63	Oct. 10	13.67
Jan. 31	10.92	May 8	7.96	Jul. 31	11.54	Nov. 5	13.95
Mar. 1	12.17	Jun. 5	9.02	Sep. 4	13.00	Dec. 2	13.70

Middlesex County - cont.

Observation Well No.: 29
 Observer: C.W. Logan
 Location: Westminster township, con II, lot 48. Property of G. Uptigrove
 Type: Drilled, test
 Depth: 96 feet.
 Aquifer: Sand and gravel
 Recording method: Automatic recorder
 Recording commenced: Jan. 24, 1952
 Measuring point: Top of casing 3.60 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	18.00	18.18	.....	.....	15.12	15.40	16.11	17.30	18.28	19.35	20.24	20.65
2	18.00	18.22	.....	.....	15.13	15.44	16.13	17.35	18.33	19.38	20.26	20.65
3	18.00	18.25	.....	.....	15.15	15.45	16.15	17.37	18.35	19.42	20.28	20.66
4	18.01	18.27	.....	.....	15.17	15.50	16.17	17.40	18.40	19.45	20.29	20.68
5	18.02	18.31	.....	.....	15.19	15.55	16.21	17.44	18.43	19.49	20.31	20.65
6	18.04	18.30	.....	.....	15.22	15.60	16.22	17.47	18.44	19.52	20.33	20.71
7	18.05	18.30	.....	.....	17.92	15.25	15.66	16.25	17.50	18.49	19.56	20.35
8	18.08	.....	.....	.....	17.70	15.26	15.71	16.30	17.54	18.51	19.59	20.36
9	18.09	.....	.....	.....	17.52	15.24	15.76	16.34	17.58	18.55	19.63	20.37
10	18.10	.....	.....	.....	17.35	15.24	15.83	16.38	17.60	18.58	19.68	20.37
11	18.13	.....	.....	.....	17.20	15.22	15.89	16.40	17.60	18.65	19.71	20.38
12	18.14	.....	.....	.....	17.08	15.17	15.95	16.45	17.62	18.68	19.75	20.39
13	18.15	.....	.....	.....	16.97	15.12	16.02	16.49	17.65	18.68	19.80	20.42
14	18.15	.....	.....	.....	16.89	15.07	16.05	16.54	17.70	18.68	19.83	20.45
15	18.14	.....	.....	.....	16.82	15.04	16.13	16.58	17.73	18.80	19.86	20.47
16	18.11	.....	.....	.....	16.68	15.02	16.17	16.63	17.76	18.83	19.90	20.48
17	18.09	.....	.....	.....	16.38	15.01	16.12	16.68	17.79	18.85	19.92	20.49
18	18.07	.....	.....	.....	16.23	15.02	16.13	16.72	17.82	18.90	19.94	20.51
19	18.04	.....	.....	.....	16.03	15.02	16.13	16.77	17.85	18.94	19.97	20.55
20	18.03	.....	.....	.....	15.60	15.02	16.13	16.80	17.88	18.95	20.00	20.55
21	18.02	.....	.....	.....	15.39	15.03	16.11	16.85	17.91	19.04	20.02	20.55
22	18.02	.....	.....	.....	15.35	15.05	16.10	16.90	17.95	19.06	20.04	20.55
23	18.02	.....	.....	.....	15.30	15.07	16.06	16.95	17.97	19.08	20.05	20.55
24	18.02	.....	.....	.....	15.60	15.10	16.05	17.00	18.00	19.14	20.07	20.55
25	18.03	.....	.....	.....	15.18	15.18	16.05	17.05	18.05	19.17	20.09	20.55
26	18.03	.....	.....	.....	15.15	15.15	16.05	17.10	18.10	19.20	20.12	20.55
27	18.07	.....	.....	.....	15.14	15.21	16.05	17.15	18.12	19.23	20.15	20.56
28	18.11	.....	.....	.....	15.13	15.24	16.05	17.20	18.16	19.26	20.18	20.58
29	18.12	.....	.....	.....	15.13	15.28	16.07	17.23	18.18	19.30	20.19	20.58
30	18.13	.....	.....	.....	15.12	15.32	16.09	17.25	18.27	19.32	20.22	20.61
31	18.15	.....	.....	.....	15.35	.....	17.27	18.25	.....	20.23	.....	21.11

Middlesex County - cont.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	21.12	21.24	19.70	18.23	16.55	16.20	17.25	18.46	18.53	18.44	19.43	20.45
2	21.13	21.22	19.58	18.23	16.45	16.25	17.28	18.46	18.52	18.45	19.45	20.46
3	21.15	21.21	19.46	18.23	16.31	16.27	17.30	18.46	18.49	18.47	19.51	20.45
4	21.16	21.19	19.35	18.23	16.18	.....	17.35	18.46	18.47	18.48	19.55	20.49
5	21.18	21.17	19.25	18.24	16.10	.....	17.40	18.46	18.43	18.50	19.59	20.50
6	21.18	21.16	19.15	18.26	16.04	.....	17.44	18.46	18.41	18.52	19.64	20.52
7	21.20	21.13	19.06	18.28	16.00	16.41	17.50	18.45	18.38	18.54	19.43	20.54
8	21.21	21.11	18.97	18.30	15.96	16.44	17.55	18.45	18.36	18.56	19.72	20.55
9	21.22	21.10	18.88	18.32	15.92	16.50	17.60	18.45	18.36	18.58	19.75	20.57
10	21.22	21.08	18.80	18.34	15.89	16.53	17.65	18.44	18.34	18.61	19.78	20.59
11	21.24	21.08	18.74	18.37	15.87	16.56	17.70	18.44	18.32	18.64	19.83	20.60
12	21.26	21.08	18.69	18.39	15.87	16.60	17.75	18.43	18.31	18.66	19.86	20.62
13	21.26	21.08	18.64	18.41	15.87	.....	17.80	18.43	18.31	18.69	19.91	20.64
14	21.26	21.08	18.60	18.46	15.88	.....	17.85	18.43	18.30	18.73	19.94	20.66
15	21.27	21.08	18.54	18.46	15.90	.....	17.90	18.43	18.29	18.75	19.98	20.67
16	21.27	21.08	18.52	18.47	.....	.....	17.94	18.43	18.29	18.77	20.03	20.68
17	21.28	21.08	18.48	18.48	.....	.....	17.99	18.43	18.30	18.81	20.05	20.45
18	21.28	21.07	18.40	18.48	.....	.....	18.03	18.43	18.31	18.84	20.09	20.72
19	21.29	21.08	18.36	18.47	.....	.....	18.07	18.47	18.31	18.87	20.13	20.73
20	21.29	21.05	18.33	18.32	.....	.....	18.12	18.49	18.31	18.82	20.16	20.74
21	21.30	20.98	18.32	18.24	.....	.....	18.14	18.50	18.33	18.95	20.20	20.75
22	21.30	20.94	18.30	18.20	.....	.....	18.20	18.51	18.33	18.98	20.23	20.77
23	21.30	20.72	18.29	18.08	.....	.....	18.23	18.53	18.33	19.03	20.26	20.78
24	21.30	20.58	18.27	18.01	.....	.....	18.25	18.54	18.33	19.12	20.28	20.79
25	21.30	20.40	18.25	17.90	.....	.....	18.29	18.54	18.34	19.15	20.28	20.81
26	21.30	20.14	18.23	17.80	.....	.....	18.32	18.54	18.35	19.19	20.34	20.83
27	21.30	19.98	18.30	17.58	.....	17.21	18.28	18.54	18.37	19.23	20.36	20.85
28	21.30	19.84	18.25	17.35	.....	17.24	18.35	18.55	18.39	19.27	20.37	20.87
29	21.29	.....	18.24	17.01	.....	17.22	18.38	18.55	18.40	19.30	20.40	20.90
30	21.28	.....	18.23	17.01	.....	.....	18.41	18.54	18.43	19.34	20.44	20.92
31	21.26	.....	18.24	.....	.....	.....	18.43	18.54	.....	19.37	.....	20.94

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	20.76	.....	21.25	19.52	19.98	20.92	21.52	22.05	22.20	22.50	22.83	22.60
2	21.15	21.26	19.47	20.01	20.95	21.54	22.05	22.21	22.51	22.83	22.63
3	21.15	21.27	19.43	20.04	20.98	21.55	22.06	22.21	22.51	22.87	22.65
4	21.14	21.26	19.42	20.07	21.01	21.56	22.06	22.22	22.52	22.88	22.69
5	21.14	21.26	19.41	20.10	20.03	21.58	22.06	22.22	22.53	22.92	22.72
6	21.14	21.26	19.40	20.12	20.06	21.60	22.07	22.23	22.54	22.93	22.74
7	21.14	21.26	19.40	20.14	20.06	21.62	22.07	22.24	22.54	22.95	22.75
8	21.12	21.26	19.40	20.16	20.13	21.64	22.07	22.25	22.55	22.97	22.77
9	21.11	21.26	19.43	20.20	20.15	21.65	22.07	22.26	22.55	22.99	.....
10	21.10	21.26	19.43	20.23	20.17	21.67	22.07	22.28	22.55	23.00	.....
11	21.09	21.26	19.44	20.26	20.18	21.69	22.08	22.30	22.56	23.00	.....
12	21.08	21.26	19.46	20.29	20.19	21.71	22.08	22.30	22.57	22.98	.....
13	21.08	21.24	19.47	20.32	21.21	21.73	22.09	22.31	22.58	22.90	.....
14	21.08	21.21	19.49	20.36	21.23	21.75	22.10	22.33	22.59	22.82	.....
15	21.08	21.16	19.51	20.38	21.25	21.77	22.10	22.34	22.60	22.74	.....
16	21.08	21.07	19.53	20.43	21.26	21.79	22.11	22.35	22.60	22.67	.....
17	21.09	20.93	19.55	20.46	21.27	21.80	22.12	22.36	22.62	22.60	.....
18	21.10	20.80	19.57	20.50	21.29	21.83	22.13	22.37	22.64	22.56	.....
19	21.11	20.68	19.60	20.52	21.30	21.85	22.13	22.37	22.66	22.54	.....
20	21.13	20.55	19.63	20.54	21.32	21.88	22.14	22.38	22.63	22.51	.....
21	21.14	20.42	19.66	20.56	21.34	21.89	22.14	22.41	22.65	22.49	.....
22	21.15	20.27	19.69	20.59	21.36	21.90	22.15	22.43	22.66	22.48	.....
23	21.17	20.15	19.72	20.62	21.37	21.94	22.15	22.43	22.67	22.48	.....
24	21.18	20.04	19.76	20.65	21.38	21.95	22.15	22.44	22.69	22.48	.....
25	21.20	19.96	19.78	20.69	21.39	21.97	22.16	22.45	22.70	22.50	.....
26	21.21	19.88	19.81	20.72	21.41	21.98	22.16	22.46	22.72	22.51	.....
27	21.23	19.82	19.85	20.75	21.45	21.99	22.17	22.47	22.74	22.53	.....
28	21.23	19.76	19.88	20.78	21.46	22.00	22.18	22.48	22.75	22.55	.....
29	19.68	19.93	20.81	21.48	22.01	22.18	22.48	22.78	22.56	.....
30	19.63	19.95	20.85	21.50	22.03	22.19	22.49	22.80	22.58	.....
31	19.57	.....	20.88	.....	22.03	22.20	.....	22.82	.....	.....

Middlesex County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	15.95	17.87	19.02	19.85	21.16	.....	.....	23.75	24.13
2	23.83	15.78	17.95	19.05	19.87	21.19	.....	.....	23.77	24.14
3	23.84	15.71	18.02	19.07	19.93	21.23	22.24	.....	23.77	24.15
4	23.85	15.67	18.07	19.10	19.98	21.25	22.25	.....	23.79	24.15
5	23.88	15.69	18.13	19.14	20.02	21.28	22.27	.....	23.80	24.15
6	23.90	15.73	18.19	19.15	20.05	21.32	22.30	.....	23.81	24.15
7	23.92	15.78	18.23	19.18	20.08	21.34	22.33	23.25	23.83	24.15
8	23.12	.....	23.93	15.35	18.27	19.20	20.13	21.37	22.36	23.28	23.83	24.15
9	23.95	15.93	18.32	19.22	20.17	21.40	22.38	23.30	23.86	24.15
10	23.98	15.02	18.35	19.24	20.21	21.46	22.39	23.30	23.86	.....
11	23.98	15.10	18.37	19.25	20.25	21.50	22.46	23.30	23.86	.....
12	23.98	15.20	18.42	19.26	20.30	21.54	22.48	23.32	23.86	.....
13	24.02	15.30	18.44	19.28	20.34	21.57	22.51	23.35	23.86	.....
14	24.03	15.40	18.45	19.30	20.37	21.62	22.57	23.37	23.86	.....
15	23.93	15.55	18.49	19.33	20.42	21.65	22.59	23.41	23.86	.....
16	23.95	15.67	18.52	19.34	20.47	.....	22.63	23.43	23.88	.....
17	23.89	15.78	18.55	19.36	20.52	.....	22.61	23.46	23.90	.....
18	23.74	15.88	18.58	19.38	20.57	.....	22.64	23.48	23.92	.....
19	23.27	17.00	18.63	19.43	20.60	.....	22.65	23.51	23.93	.....
20	22.20	17.09	18.66	19.45	.....	.....	.....	23.53	23.95	.....
21	21.00	17.17	18.70	19.48	.....	.....	.....	23.55	23.97	.....
22	20.10	17.24	19.73	19.52	.....	.....	.....	23.57	23.98	.....
23	19.52	17.30	18.28	19.55	.....	.....	.....	23.60	24.00	.....
24	19.20	17.37	18.81	19.58	.....	.....	.....	23.62	24.02	.....
25	19.03	17.45	18.84	19.62	20.86	.....	.....	23.64	24.04	.....
26	18.83	17.52	18.86	19.66	20.93	.....	.....	23.65	24.05	.....
27	18.37	17.60	18.88	19.70	20.96	.....	.....	23.68	24.07	.....
28	17.77	17.67	18.92	19.74	21.00	.....	.....	23.69	24.09	.....
29	17.12	17.74	18.95	19.77	21.04	.....	.....	23.72	24.11	.....
30	16.60	17.80	18.98	19.82	21.08	22.00	23.00	23.72	24.12	.....
31	16.28	.....	19.00	.....	21.13	.....	.....	23.74	.....	.....

Middlesex County

Observation Well No.: 71
 Observer: O.W.Logan
 Location: Westminster township, North Talbot Road East side, lot 22
 Type: Dug, seldom used
 Depth: 30 feet
 Aquifer: Overburden
 Recording method: Automatic recorder
 Records commenced: Oct.16,1958
 Measuring point: Top of well platform at land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	4.29	5.25	5.74	5.16	....	4.94	....	....	7.46	8.08	8.92	9.72
2	4.32	5.29	5.78	5.17	....	4.97	....	....	7.50	8.10	8.95	9.75
3	4.30	5.35	5.81	....	....	5.06	....	....	7.51	8.13	8.98	....
4	4.15	5.40	5.83	....	....	5.11	....	....	7.53	8.16	9.00	....
5	4.18	5.42	5.87	....	....	5.17	....	....	7.56	8.18	9.03	....
6	4.22	5.35	5.90	....	....	5.23	....	....	7.58	8.20	9.06	....
7	4.29	5.16	5.94	....	....	5.28	....	....	7.61	8.22	9.08	....
8	4.35	5.20	5.98	....	....	5.33	....	....	7.63	8.24	9.11	....
9	4.40	5.23	6.00	....	....	5.38	....	....	7.65	8.26	9.12	....
10	4.46	5.24	6.04	....	....	5.44	....	....	7.67	8.28	9.14	....
11	4.53	4.63	6.07	....	....	5.49	....	....	7.69	8.32	9.17	....
12	4.56	4.77	6.10	....	....	5.53	....	....	7.70	8.34	9.20	....
13	4.47	4.83	6.13	....	....	5.58	....	....	7.73	8.37	9.23	....
14	4.18	4.88	6.15	....	....	5.56	....	....	7.75	8.39	9.25	....
15	4.27	5.04	6.18	....	....	5.60	....	....	7.77	8.42	9.26	....
16	4.34	5.12	6.21	....	....	5.63	....	....	7.80	8.45	9.28	....
17	4.40	5.17	6.23	....	....	5.53	....	....	7.82	8.47	9.31	....
18	4.45	5.22	6.26	....	....	5.42	....	....	7.84	8.50	9.34	....
19	4.52	5.27	6.28	....	....	5.43	....	....	7.87	8.52	9.37	....
20	4.59	5.33	6.31	....	....	5.46	....	....	7.88	8.55	9.40	....
21	4.65	5.37	6.33	....	....	5.50	....	....	7.90	8.58	9.43	....
22	4.70	5.42	6.35	....	....	5.53	....	....	7.93	8.61	9.46	....
23	4.76	5.47	6.37	....	....	5.57	....	....	7.95	8.63	9.48	....
24	4.82	5.57	6.39	....	....	5.61	....	....	7.98	8.65	9.52	....
25	4.86	5.55	6.40	....	....	5.65	....	7.12	8.01	8.68	9.55	....
26	4.94	5.58	6.42	....	4.52	5.69	....	7.15	8.03	8.70	9.58	....
27	5.00	5.62	6.43	....	4.60	5.73	....	7.17	8.04	8.73	9.61	....
28	5.07	5.66	6.28	....	4.67	5.77	....	7.20	8.05	8.75	9.63	10.56
29	5.12	5.70	5.97	....	4.73	....	....	7.22	8.06	8.78	9.67	10.61
30	5.17	....	5.98	....	4.83	....	....	7.41	8.07	8.80	9.70	10.64
31	5.20	....	5.15	....	4.87	....	....	7.44	....	8.85	....	10.66

Middlesex County - cont.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	10.70	11.62	.....	10.90	7.33	7.75	8.12	8.49	8.43	8.18	8.20	8.25
2	10.73	11.65	11.73	10.89	7.30	7.73	8.13	8.50	8.38	8.18	8.20	8.25
3	10.76	11.68	11.75	10.88	7.26	7.76	8.12	8.36	8.35	8.18	8.21	8.25
4	10.79	11.71	11.76	10.86	7.24	7.79	8.14	8.38	8.34	8.18	8.21	8.25
5	10.83	.....	11.78	10.85	7.27	7.83	8.15	8.40	8.33	8.17	8.22	8.17
6	10.85	.....	11.78	10.82	7.29	7.85	8.17	8.40	8.35	8.19	8.23	8.03
7	10.87	.....	11.75	10.78	7.20	7.88	8.19	8.34	8.35	8.17	8.24	7.97
8	10.91	.....	11.72	10.75	7.06	7.89	8.20	8.36	8.35	8.17	8.25	7.96
9	10.94	.....	11.69	10.72	7.02	7.90	8.22	8.37	8.35	8.17	8.26	7.94
10	10.94	.....	11.66	10.69	6.91	7.93	8.23	8.39	8.34	8.17	8.28	7.92
11	10.96	.....	11.67	10.65	6.86	7.95	8.25	8.41	8.35	8.17	8.28	7.90
12	10.98	.....	11.67	10.62	6.89	7.98	8.27	8.36	8.35	8.17	8.30	7.88
13	11.02	.....	11.62	10.59	6.89	8.01	8.28	8.38	8.35	8.17	8.31	8.87
14	11.05	.....	11.46	10.56	6.94	8.03	8.30	8.43	8.32	8.17	8.30	8.85
15	11.06	.....	11.39	10.56	7.00	8.05	8.31	8.48	8.31	8.17	8.30	8.85
16	11.10	.....	11.38	10.56	7.05	8.05	8.32	8.55	8.30	8.17	8.31	8.83
17	11.15	.....	11.38	10.17	7.12	8.05	8.32	8.55	8.30	8.17	8.24	8.80
18	11.19	.....	11.38	9.80	7.18	8.08	8.34	8.55	8.30	8.17	8.25	8.78
19	11.23	.....	11.37	9.39	7.22	8.10	8.36	8.57	8.29	8.18	8.26	8.76
20	11.27	.....	11.37	9.18	7.27	8.09	8.37	8.58	8.29	8.18	8.27	8.75
21	11.30	.....	11.37	9.09	7.32	8.09	8.39	8.59	8.28	8.18	8.28	8.75
22	11.33	.....	11.37	9.05	7.37	8.11	8.41	8.60	8.25	8.19	8.29	8.75
23	11.35	.....	11.28	9.01	7.42	8.13	8.43	8.53	8.25	8.20	8.30	8.75
24	11.37	.....	11.14	8.96	7.53	8.14	8.43	8.53	8.25	8.20	8.22	8.73
25	11.39	.....	11.05	8.85	7.56	8.16	8.43	8.53	8.24	8.18	8.22	8.73
26	11.41	.....	11.00	9.20	7.60	8.18	8.44	8.53	8.20	8.19	8.23	8.72
27	11.48	.....	10.97	7.75	7.64	8.19	8.45	8.53	8.17	8.20	8.24	8.71
28	11.48	.....	10.94	7.67	7.68	8.15	8.46	8.53	8.17	8.20	8.24	8.71
29	11.48	.....	10.93	7.51	7.73	8.17	8.47	8.51	8.18	8.20	8.25	8.71
30	11.56	.....	10.92	7.36	7.78	8.12	8.48	8.43	8.18	8.20	8.25	8.71
31	11.60	.....	10.91	.....	7.75	.....	8.49	8.43	.....	8.20	.....	8.71

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.71	.....	7.63	7.04	7.31	8.00	8.58	13.80	16.55	.....	12.50	11.37
2	7.71	.....	7.66	7.10	7.33	8.05	8.60	13.70	18.68	.....	12.49	11.35
3	7.70	.....	7.69	7.15	7.35	8.05	8.62	13.50	20.40	.....	12.47	11.33
4	7.70	.....	7.71	7.22	7.38	8.07	8.65	13.32	20.12	.....	12.46	11.28
5	7.68	.....	7.74	7.26	7.41	8.09	8.66	13.17	19.62	.....	12.45	11.24
6	7.64	7.45	7.76	7.30	7.41	8.11	8.68	13.00	20.38	.....	12.44	11.20
7	7.62	7.46	7.80	7.33	7.43	8.13	8.70	12.85	20.10	.....	12.43	11.00
8	7.62	7.48	7.80	7.33	7.44	8.16	8.73	12.75	19.63	.....	12.42	10.77
9	7.63	7.51	7.82	7.33	7.46	8.19	8.76	12.55	19.18	.....	12.42	10.65
10	7.63	7.55	7.84	7.30	7.48	8.21	8.78	12.40	.....	.....	12.42	10.56
11	.....	7.57	7.84	7.30	7.50	8.21	8.80	12.30	.....	.....	11.70	10.50
12	.....	7.60	7.62	7.32	7.52	8.21	.....	14.96	.....	.....	11.60	10.47
13	.....	7.63	7.56	7.34	7.55	8.23	.....	14.73	.....	.....	11.57	10.44
14	.....	7.64	7.56	7.35	7.57	8.25	.....	14.52	.....	.....	11.56	10.43
15	.....	7.62	7.57	7.37	7.59	8.27	.....	14.30	.....	.....	11.55	10.40
16	.....	7.67	7.62	7.39	7.62	8.29	.....	14.08	.....	.....	11.55	10.38
17	.....	7.71	7.63	7.41	7.64	8.31	.....	13.90	.....	.....	11.54	10.36
18	.....	7.73	7.51	7.43	7.67	8.34	.....	13.72	.....	.....	11.54	10.33
19	.....	7.74	7.12	7.43	7.69	8.35	.....	13.57	.....	12.86	11.55	10.30
20	.....	7.76	7.03	7.39	7.71	8.37	.....	13.42	.....	12.83	11.55	10.28
21	.....	7.77	6.92	7.33	7.73	8.39	.....	13.28	.....	12.79	11.54	.....
22	.....	7.77	6.72	7.28	7.76	8.41	.....	13.15	.....	12.77	11.51	.....
23	.....	7.80	6.57	7.23	7.78	8.43	.....	13.00	.....	12.70	11.50	.....
24	.....	7.82	6.54	7.18	7.80	8.44	.....	12.87	.....	12.66	11.48	.....
25	.....	7.83	6.62	7.17	7.83	8.46	.....	12.78	.....	12.64	11.43	.....
26	.....	7.83	6.69	7.18	7.86	8.48	.....	12.68	.....	12.61	11.46	.....
27	.....	7.55	6.76	7.21	7.88	8.50	.....	12.58	.....	12.59	11.44	.....
28	.....	7.59	6.82	7.24	7.90	8.52	.....	12.46	.....	12.57	11.43	.....
29	.....	.....	6.87	7.27	7.93	8.55	.....	12.38	.....	12.55	11.41	.....
30	.....	.....	6.92	7.30	7.95	8.57	.....	12.30	.....	12.54	11.39	.....
31	.....	.....	6.98	.....	7.98	.....	.....	15.78	.....	12.52	11.39	.....

Middlesex County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	.....	.....	9.75	9.10	9.17	8.87	9.14	.....	.....	27.28	19.66	18.58
2	.....	.....	9.77	9.12	9.16	8.88	11.95	.....	.....	26.73	19.56	18.58
3	10.05	.....	9.79	9.14	9.16	8.89	14.22	.....	.....	26.22	19.47	18.60
4	10.03	.....	9.79	9.15	9.16	8.90	17.47	.....	.....	25.75	19.38	18.61
5	10.02	.....	9.76	9.16	9.11	8.91	19.52	.....	.....	25.32	19.30	18.62
6	10.00	.....	9.65	9.18	9.03	8.92	19.30	.....	.....	24.90	19.22	18.64
7	9.98	.....	9.62	9.20	8.96	8.88	19.22	.....	.....	24.53	19.16	18.65
8	9.97	.....	9.64	9.22	8.94	8.90	19.72	.....	.....	24.26	19.09	18.65
9	9.96	.....	9.63	9.24	8.93	8.90	20.88	.....	.....	23.83	19.03	18.66
10	9.94	.....	9.64	9.26	8.90	8.90	22.34	.....	.....	23.53	18.97	18.69
11	9.92	.....	9.65	9.27	8.83	8.86	23.10	.....	.....	23.24	18.92	18.75
12	9.90	7.73	9.65	9.30	8.79	8.86	25.15	.....	.....	22.90	18.87	18.73
13	9.88	9.73	9.55	9.31	8.76	8.87	26.08	.....	.....	22.65	18.84	18.75
14	9.86	9.72	9.44	9.32	8.75	8.98	25.45	.....	.....	22.40	18.80	18.75
15	9.86	9.72	9.45	9.34	8.75	8.89	26.55	.....	.....	22.18	18.76	18.81
16	.....	9.72	9.47	9.35	8.75	8.90	28.25	.....	.....	21.97	18.74	18.84
17	.....	9.70	9.42	9.35	8.75	8.91	28.30	.....	.....	21.77	18.70	18.86
18	.....	9.68	9.37	9.35	8.74	8.92	28.30	.....	.....	21.57	18.68	18.88
19	.....	9.70	9.38	9.35	8.75	8.94	28.30	.....	.....	21.38	18.66	18.91
20	.....	9.67	9.36	9.25	8.75	8.95	28.30	.....	.....	21.26	18.64	.....
21	.....	9.66	9.38	9.21	8.76	8.97	28.30	.....	.....	21.08	18.63	.....
22	.....	9.66	9.42	9.19	8.77	8.98	28.30	.....	.....	20.93	18.60	.....
23	.....	9.68	9.45	9.18	8.78	8.99	28.30	.....	.....	20.77	18.59	.....
24	.....	9.70	9.46	9.18	8.80	9.01	28.30	.....	.....	20.62	18.57	.....
25	.....	9.72	9.46	9.18	8.81	9.03	28.30	.....	.....	20.47	18.57	.....
26	.....	9.72	9.39	9.19	8.82	9.04	.....	.....	.....	20.34	18.57	.....
27	.....	9.74	9.22	9.20	8.83	9.06	.....	.....	.....	20.21	18.57	.....
28	.....	9.74	9.10	9.20	8.84	9.08	.....	.....	.....	20.10	18.55	.....
29	.....	.....	9.11	9.20	8.84	9.09	.....	28.30	.....	19.97	18.55	.....
30	.....	.....	9.11	9.19	8.85	9.12	.....	28.00	.....	19.86	18.57	.....
31	.....	.....	9.10	.....	8.86	.....	.....	.....	.....	19.75	.....	.....

Middlesex County

Observation Well No.: 72
 Observer: Hydro-Electric Power Commission Personnel
 Location: City of London, formerly Westminster Township, con II,
 lot 18, Property of the Hydro-Electric Power Commission
 of Ontario
 Type: Drilled, used
 Depth: 153 feet
 Aquifer: Gravel and sand
 Recording method: Airline reading
 Records commenced: Feb. 3, 1960
 Measuring point: Computed from airline readings

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1	69.00	Apr. 2	71.00	Jul. 4	72.00	Oct. 15	70.00
Mar. 3	74.00	May 2	71.00	Jul. 15	76.00	Nov. 2	72.00
Mar. 15	65.00	May 16	69.00	Jul. 21	74.00	Nov. 14	67.00
		May 26	65.50	Sep. 15	69.00	Dec. 1	67.00

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	74	Apr. 3	73	Jul. 9	73	Nov. 2	70
Jan. 16	73	May 2	73.5	Aug. 16	75	Nov. 21	72
Feb. 15	73	May 4		Sep. 27	73	Dec. 14	69
Mar. 2	74	Jun. 1	73.0				

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	73	Apr. 4	75	Aug. 4	71		
Feb. 19	70	Apr. 28	69	Aug. 17	84		
Mar. 5	72	Jun. 6	75	Sep. 2	73		
Mar. 15	69	Jun. 18	71				

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1	43	Jun. 5	79	Aug. 3	73		
Mar. 5	72			Sep. 2	73		

Observation Well No.: 73
 Observer: Hydro-Electric Power Commission Personnel
 Location: City of London, formerly Westminster township, con II, lot 18, property of Hydro-Electric Power Commission of Ontario.
 Type: Drilled, used
 Depth: 220 feet
 Aquifer: Shale
 Recording method: Manually, by tape
 Records commenced: Feb. 3, 1960
 Measuring point: Opening in pump base 3.7 feet above land surface

Distances of water level from land surface.

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3	53.87	Apr. 2	56.30	Jul. 4	53.91	Nov. 3	64.77
Mar. 1	53.81	May 2	53.65	Jul. 15	64.30	Nov. 14	64.80
Mar. 3	60.52	May 16	53.63	Jul. 24	63.20	Dec. 1	64.74
Mar. 15	54.62	May 26	58.30				

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	68.15	Apr. 3	67.12	Aug. 16	71.30	Nov. 2	76.70
Jan. 16	66.04	May 2	66.76	Sep. 27	68.80	Nov. 21	71.80
Feb. 15	67.43	Jun. 1	68.80			Dec. 14	69.80
Mar. 2	67.93						

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	67.15	Apr. 4	67.5	Aug. 4	66.85	Dec. 4	74.20
Feb. 19	69.40	Apr. 28	69.20	Aug. 17	75.80		
Mar. 15	71.20	Jun. 6	68.26	Sep. 2	74.30		
		Jun. 18	72.07				

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Mar. 1	67.20	Jun. 4	71.50	Aug. 4	79.15		
Mar. 5	56.90			Sep. 2	67.90		

Middlesex County

Observation Well No.: 86
 Observer: F. Anderson
 Location: Village of Glencoe, property of Glencoe Public Utilities Commission
 Type: Drilled
 Depth: 215 feet
 Aquifer: Overburden
 Recording method: Automatic recorder
 Records commenced: Dec. 4, 1959
 Measuring point: Top of shelter platform 3.8 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	75.52	76.08	76.22	76.52	76.48	76.77	76.95	77.92	79.32	78.89	78.40	78.89
2	75.54	76.10	76.25	76.54	76.48	76.79	77.07	77.92	78.94	78.90	78.52	78.90
3	75.56	76.11	76.27	76.55	76.48	76.81	77.09	77.90	78.92	78.92	78.50	78.97
4	75.57	76.12	76.28	76.58	76.48	76.83	77.15	77.85	78.99	78.81	78.40	78.55
5	75.59	76.12	76.29	76.60	76.48	76.87	77.20	77.90	79.00	77.68	78.48	78.48
6	75.61	76.12	76.30	76.62	76.48	76.89	77.27	77.94	79.01	77.55	78.88	78.59
7	75.63	76.12	76.30	76.62	76.48	76.90	77.34	77.98	79.02	78.03	78.91	78.59
8	75.65	76.12	76.30	76.65	76.48	76.90	77.41	78.00	79.08	77.99	78.91	78.69
9	75.66	76.12	76.30	76.68	76.50	76.90	77.50	78.05	79.10	77.32	79.12	78.78
10	75.68	76.12	76.31	76.70	76.50	76.92	77.50	78.13	79.09	77.20	79.08	78.72
11	75.70	76.12	76.32	76.71	76.50	76.92	77.60	78.25	78.92	77.02	79.13	78.72
12	75.72	76.12	76.34	76.73	76.50	76.60	77.65	78.30	78.90	77.13	79.18	78.66
13	75.74	76.12	76.38	76.78	76.51	76.10	77.68	78.37	78.91	77.11	78.45	78.71
14	75.75	76.12	76.39	76.80	76.51	76.12	77.68	78.38	78.83	77.10	78.23	78.70
15	75.77	76.12	76.40	76.80	76.51	76.17	77.61	78.39	78.88	77.03	78.48	78.42
16	75.79	76.12	76.41	76.80	76.52	76.20	77.63	78.49	79.01	77.00	78.48	78.42
17	75.81	76.12	76.43	76.80	76.52	76.20	77.65	78.57	79.10	77.81	78.80	78.45
18	75.83	76.12	76.45	76.80	76.52	76.25	77.68	78.64	79.10	77.62	78.98	78.48
19	75.84	76.12	76.48	76.80	76.52	76.28	77.70	78.71	79.07	77.63	79.14	78.25
20	75.86	76.12	76.50	76.80	76.52	76.35	77.77	78.78	79.07	77.38	79.14	77.98
21	75.88	76.12	76.50	76.80	76.52	76.41	77.80	79.80	79.12	78.02	79.27	77.85
22	75.90	76.12	76.51	76.80	76.55	76.45	77.83	79.88	79.45	78.30	79.22	77.62
23	75.92	76.12	76.51	76.79	76.57	76.52	77.80	79.90	79.65	78.28	78.82	77.93
24	75.93	76.12	76.52	76.78	76.59	76.57	77.63	79.99	78.10	78.47	79.01	78.25
25	75.95	76.15	76.52	76.78	76.60	76.65	77.70	79.05	78.25	78.57	79.04	78.38
26	75.97	76.18	76.52	76.48	76.61	76.70	77.74	79.12	78.72	78.75	78.97	78.38
27	75.99	76.20	76.52	76.48	76.63	76.78	77.79	79.20	78.99	78.65	78.90	78.68
28	76.01	76.20	76.52	76.48	76.67	76.85	77.85	79.20	79.32	78.68	78.92	78.83
29	76.02	76.21	76.52	76.48	76.69	76.85	77.85	79.28	79.32	78.65	78.70	78.83
30	76.04	.....	76.52	76.48	76.71	76.90	77.87	79.30	78.18	78.65	78.73	78.76
31	76.06	.....	76.52	.....	76.72	.....	77.89	79.32	.....	78.52	.....	78.43

Middlesex County - cont.

1961

January						February						March	
Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet
1	77.90	12	77.60	23	76.35	1	74.95	12	75.48	23	75.20	1	75.28
2	77.68	13	77.65	24	75.98	2	74.85	13	75.42	24	75.13	2	75.02
3	77.71	14	77.60	25	75.60	3	75.05	14	75.40	25	75.18	3	74.92
4	77.68	15	77.49	26	75.35	4	75.15	15	75.40	26	75.25	4	74.92
5	77.60	16	77.40	27	75.15	5	76.05	16	75.40	27	75.28	5	74.92
6	77.52	17	77.32	28	75.02	6	76.08	17	75.35	28	75.30	6	74.70
7	77.40	18	77.20	29	74.80	7	76.08	18	75.40	29	.....	7	74.35
8	77.41	19	77.12	30	74.82	8	76.03	19	75.40	30	.....	8	74.08
9	77.53	20	77.13	31	74.91	9	75.98	20	75.48	31	.....	9	74.02
10	77.62	21	77.05			10	75.75	21	75.48			10	74.03
11	77.62	22	76.61			11	75.52	22	75.40			11	74.08

Middlesex County

Observation Well No.: 91
 Observer: O.W. Logan
 Location: Westminster township, con VIII, lot 15, N $\frac{1}{2}$; property of the London Public Utilities Commission
 Type: Drilled, test
 Depth: 231.5 feet
 Aquifer: Sand and gravel
 Recording method: Automatic recorder
 Records commenced: Apr. 14, 1961
 Measuring point: Top side of shelter base 3.5 feet above land surface

Daily lowest water level from land surface

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	55.84	56.11	56.80	57.60	58.50	59.38	.....	60.72
2	55.83	56.02	56.78	57.60	58.54	59.41	.....	60.74
3	55.93	56.12	56.75	57.75	58.60	59.42	.....	60.70
4	56.03	56.12	56.83	57.63	58.63	59.43	.....	60.55
5	56.06	56.17	56.90	57.65	58.70	59.42	.....	60.55
6	56.05	56.21	56.92	57.65	58.72	59.48	.....	60.60
7	55.93	56.22	56.92	57.73	58.75	59.52	.....	60.81
8	55.90	56.22	56.97	57.80	58.90	59.57	.....	60.77
9	55.90	56.13	57.00	57.87	58.90	59.57	.....	60.82
10	56.03	56.18	57.03	57.90	58.92	59.59	.....	60.85
11	56.05	56.22	57.03	57.91	.....	59.60	.....	60.75
12	55.91	56.25	57.10	57.96	.....	59.61	.....	60.85
13	55.97	56.27	57.10	58.03	.....	59.60	.....	60.92
14	55.43	55.97	56.33	57.08	58.09	.....	59.59	.....	61.11
15	55.43	55.90	56.43	57.10	58.11	.....	59.59	.....	61.09
16	55.38	55.94	56.49	57.10	58.22	.....	59.60	.....	60.89
17	55.38	56.00	56.52	57.11	58.31	.....	59.60	.....	60.85
18	55.60	56.04	56.50	57.14	58.35	.....	59.60	.....	60.85
19	55.75	56.05	56.48	57.14	58.35	.....	59.60	.....	60.92
20	55.80	56.05	56.42	57.12	58.35	.....	59.65	.....	61.03
21	55.80	59.99	56.42	57.12	58.35	59.20	59.75	.....	61.05
22	55.77	56.02	56.46	57.26	58.40	59.20	59.80	.....	61.02
23	55.77	56.02	56.45	57.28	58.44	59.22	59.80	.....	61.02
24	55.75	56.04	56.51	57.28	58.47	59.25	59.90	.....	61.05
25	55.68	56.00	56.64	57.28	58.38	59.22	59.90	.....	61.02
26	55.78	56.03	56.67	57.38	58.38	59.16	59.95	.....	.....
27	55.80	56.04	56.70	57.41	58.42	59.26	60.03	.....	.....
28	55.77	56.04	56.73	57.41	58.42	59.31	60.03	60.03	.....
29	55.83	56.14	56.76	57.42	58.45	59.37	60.02	60.66	.....
30	55.84	56.20	.....	57.50	58.48	59.37	60.02	60.66	.....
31	56.15	.....	57.52	58.50	.....	59.95	.....	.....

Middlesex County - cont.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	63.51	64.53	65.75	66.40	66.83	67.60	68.33
2	63.60	64.58	65.82	66.48	67.08	67.70	68.32
3	63.67	64.58	65.80	66.49	67.08	67.72	68.32
4	63.67	64.58	65.80	66.49	67.07	67.68	68.24
5	63.61	64.58	65.82	66.45	67.05	67.64	68.10
6	63.60	64.64	65.82	66.49	67.05	67.81	67.95
7	63.68	64.68	65.78	66.47	67.05	67.81	67.74
8	63.00	63.75	64.68	65.75	66.47	67.03	67.89
9	63.10	63.75	64.66	65.87	66.47	67.05	67.92
10	63.10	63.75	64.74	65.95	66.41	67.11	67.90
11	63.10	63.71	64.77	66.00	66.41	67.11	67.78
12	63.12	63.72	64.75	66.00	66.49	67.20	68.32
13	63.10	63.74	64.81	65.95	66.50	67.30	68.33
14	63.10	63.77	64.83	66.10	66.52	67.35	68.31
15	63.18	63.82	64.90	66.12	66.60	67.32	68.29
16	63.23	63.87	64.99	66.10	66.61	67.32	68.29
17	63.27	63.91	65.04	66.08	66.59	67.38	68.31
18	63.25	63.97	65.10	66.10	66.50	67.38	68.40
19	63.25	63.90	65.17	66.10	66.60	67.38	68.48
20	63.22	63.98	65.17	66.05	66.75	67.35	68.68
21	63.20	64.05	65.10	66.10	66.83	67.27	68.68
22	63.25	64.05	65.10	66.21	66.83	67.27	68.49
23	63.24	64.10	65.05	66.25	66.92	67.37	68.55
24	63.14	64.14	65.15	66.28	66.92	67.45	68.78
25	63.22	64.20	65.15	66.28	66.82	67.45	68.78
26	63.30	64.32	65.22	66.30	66.80	67.55	68.73
27	63.37	64.40	65.33	66.30	66.80	67.59	68.73
28	63.43	64.50	65.40	66.28	66.80	67.60	68.73
29	63.43	64.47	65.43	66.30	66.84	67.70	68.72
30	63.53	64.45	65.45	66.38	66.85	67.68	68.78
31	63.49	.....	65.49	66.36	.....	67.50	68.80

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	68.80	69.07	69.52	70.45	70.25	70.22	70.48	70.62	70.65	70.95	71.20	71.70
2	68.73	68.95	69.55	70.38	70.30	70.22	70.45	70.63	70.68	70.92	71.20	71.70
3	68.70	69.17	69.68	70.35	70.28	70.21	70.40	70.62	70.68	70.90	71.25	71.08
4	68.72	69.17	69.68	70.33	70.25	70.17	70.45	70.58	70.70	71.05	71.30	71.70
5	68.72	69.10	69.60	70.40	70.25	70.12	70.45	70.68	70.71	71.10	71.30	71.80
6	68.65	69.10	69.30	70.38	70.32	70.00	70.45	70.70	70.71	71.10	71.22	71.78
7	68.55	69.02	69.50	70.28	70.30	70.05	70.42	70.68	70.71	71.15	71.22	71.72
8	68.48	69.15	69.60	70.28	70.22	70.10	70.48	70.67	70.72	71.01	71.20	71.55
9	68.40	69.15	69.65	70.20	70.08	70.05	70.49	70.67	70.75	71.07	71.28	71.55
10	68.45	69.03	69.75	70.22	70.05	69.95	70.40	70.69	70.82	71.11	71.28	71.77
11	68.50	69.03	69.75	70.30	70.18	69.85	70.61	70.70	70.82	71.05	71.28	71.85
12	68.50	69.03	69.67	70.35	70.28	69.90	70.70	70.70	70.71	71.15	71.28	71.80
13	68.55	68.99	69.80	70.35	70.28	70.00	70.70	70.65	70.90	71.30	71.30	71.82
14	68.68	69.02	69.95	70.40	70.12	70.05	70.61	70.62	70.95	71.40	71.40	71.88
15	68.82	69.20	70.05	70.42	70.15	70.10	70.45	70.65	71.00	71.40	71.40	72.05
16	68.85	69.40	69.95	70.42	70.15	70.10	70.63	70.70	71.03	71.40	71.50	72.15
17	68.87	69.40	69.82	70.37	70.12	70.12	70.68	70.68	71.05	71.40	71.52	72.15
18	68.83	69.32	70.05	70.27	69.95	70.32	70.68	70.80	71.05	71.35	71.45	72.10
19	68.85	69.29	70.05	70.27	69.98	70.22	70.68	70.80	71.00	71.30	71.72	72.00
20	68.68	69.10	69.75	70.13	70.05	70.18	70.49	70.72	70.90	71.40	71.72	72.05
21	68.70	69.30	69.95	70.18	70.05	70.22	70.49	70.73	70.95	71.40	71.72	72.18
22	68.72	69.38	70.15	70.22	70.12	70.32	70.62	70.72	71.05	71.33	71.72	72.30
23	68.77	69.40	70.17	70.18	70.22	70.45	70.73	70.68	71.13	71.35	71.58	72.30
24	68.60	69.37	70.17	70.30	70.30	70.52	70.82	70.65	71.17	71.40	71.77	72.13
25	68.92	69.45	70.17	70.38	70.28	70.50	70.82	70.70	71.12	71.40	71.82	71.90
26	68.92	69.50	70.12	70.41	70.25	70.50	70.82	70.71	71.05	71.40	71.80	71.91
27	68.85	69.50	70.00	70.48	70.25	70.40	70.82	70.71	71.00	71.35	71.70	71.95
28	69.05	69.52	70.20	70.50	70.17	70.35	70.78	70.69	70.85	71.38	71.70	72.02
29	69.10	.....	70.20	70.50	70.08	70.38	70.68	70.55	70.75	71.38	71.58	72.20
30	69.00	.....	70.35	70.20	70.15	70.45	70.65	70.52	70.90	71.40	71.50	72.45
31	69.05	.....	70.45	.....	70.20	.....	70.65	70.57	.....	71.38	.....	72.45

Middlesex County

Observation Well No.: 92
 Observer: O.W. Logan
 Location: North Dorchester Township, con I, North of Thames
 River lot 2
 Type: Drilled, test
 Depth: 450 feet
 Aquifer: Rock
 Recording method: Automatic recorder
 Records commenced: Oct. 25, 1961
 Measuring point: Top side of shelter base 3.5 feet above land surface

Daily lowest water levels from land surface

1961

October		November						December					
Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet	Day	Feet
21		1	36.30	11	36.05	21	36.60	1	36.43	11	35.28	21	35.98
22		2	36.30	12	35.35	22	36.40	2	35.78	12	35.20	22	35.68
23		3	36.26	13	36.42	23	36.27	3	35.95	13	35.67	23	35.00
24		4	35.82	14	36.47	24	36.17	4	35.55	14	35.67	24	34.27
25	35.84	5	36.22	15	36.50	25		5	35.85	15	35.73	25	33.98
26	36.00	6	35.88	16	36.37	26	34.90	6	35.55	16	35.13	26	35.23
27	36.10	7	36.15	17	36.50	27	35.55	7	35.57	17	34.34	27	35.54
28	35.67	8	36.33	18	36.10	28	35.63	8	35.75	18	35.20	28	35.50
29	35.00	9	36.37	19	35.33	29	35.80	9	35.27	19	35.40	29	35.69
30	35.80	10	36.50	20	35.34	30	36.04	10	34.45	20	35.97	30	35.10
31	35.87											31	34.30

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	34.50	36.05	36.63	34.08	35.40	36.80	36.95	38.45	46.11	37.80	38.98	38.08
2	35.42	36.00	36.58	34.90	35.54	36.10	36.37	56.47	45.54	38.42	38.94	37.05
3	35.68	35.52	36.30	35.28	35.75	35.72	43.10	.....	45.44	38.13	38.47	37.95
4	35.97	34.80	35.33	35.34	35.93	36.60	45.17	.....	43.00	38.20	37.48	37.96
5	36.05	35.25	35.95	35.40	35.05	37.15	42.30	.....	40.82	38.26	38.20	37.95
6	35.37	35.77	36.47	35.36	34.29	36.57	39.50	36.00	40.08	37.77	38.36	37.62
7	34.28	35.33	36.45	34.50	35.06	37.02	38.65	43.70	39.82	37.06	38.28	37.80
8	34.95	36.60	36.65	33.94	35.23	37.12	37.62	48.50	38.50	36.75	38.64	37.77
9	35.80	36.36	36.70	34.77	35.50	36.75	43.58	48.65	37.78	37.71	38.66	36.40
10	35.86	36.00	36.07	.....	35.77	36.15	41.70	49.18	38.40	37.90	38.20	37.20
11	35.75	35.11	35.75	35.20	35.82	40.90	44.60	45.30	38.70	38.13	37.35	37.45
12	35.65	35.56	36.50	35.19	35.10	43.70	42.00	40.05	38.70	38.32	38.25	37.69
13	35.15	35.83	35.53	35.04	34.03	39.40	44.75	45.50	38.85	37.87	38.58	37.63
14	34.62	35.88	35.70	34.38	35.13	37.37	42.05	48.65	38.94	37.24	38.74	37.77
15	35.00	36.10	35.98	33.68	35.97	38.75	38.44	50.04	38.76	38.22	39.23	37.25
16	35.60	36.07	36.02	35.10	36.45	37.24	38.37	50.50	38.33	38.25	39.16	36.30
17	35.77	35.86	35.73	35.62	36.46	36.05	38.40	51.13	38.08	38.27	38.35	37.16
18	35.75	35.00	34.88	35.48	36.44	36.25	44.26	.....	38.31	38.17	37.30	37.39
19	35.59	35.68	35.39	35.50	35.62	36.30	41.85	40.95	38.24	38.17	37.30	37.39
20	35.10	36.63	35.88	.....	34.40	39.34	39.25	40.95	38.54	37.80	38.40	37.58
21	34.65	36.88	36.07	.....	34.38	37.75	38.10	46.48	38.23	37.18	38.38	37.62
22	35.20	36.50	.....	.....	35.83	37.23	36.64	43.93	37.68	38.03	38.54	36.82
23	35.59	36.65	.....	.....	36.31	36.22	42.34	43.20	37.58	37.88	38.80	36.10
24	35.45	36.22	36.12	.....	36.75	35.15	40.10	49.12	36.95	38.28	38.35	36.06
25	35.62	35.43	35.13	35.26	36.94	43.55	42.88	46.10	37.68	38.67	37.27	35.82
26	36.58	35.68	35.27	35.32	36.45	45.42	40.60	46.21	37.85	38.60	38.15	37.83
27	35.85	36.23	.....	35.50	35.80	46.28	37.55	.....	37.92	38.15	38.58	37.35
28	34.95	36.43	36.03	34.65	36.78	44.65	36.88	.....	37.76	37.24	39.00	.....
29	35.25	.....	35.86	34.10	36.93	40.15	35.90	.....	37.40	38.26	38.90	.....
30	35.83	.....	.....	35.15	37.25	38.75	41.50	47.25	36.65	38.34	38.62	.....
31	35.95	.....	.....	.....	36.47	.....	39.40	50.70	.....	38.52	.....	.....

Middlesex County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	.....	37.78	.....	.....	.....	35.70	.....	37.20	38.45	.....	39.35	38.30
2	.....	37.02	.....	.....	.....	35.98	.....	36.90	37.80	.....	37.95	39.00
3	.....	36.98	.....	.....	.....	36.23	.....	36.50	37.90	.....	.....	38.50
4	.....	37.78	.....	.....	.....	36.98	.....	36.30	38.30	.....	.....	39.40
5	.....	37.73	37.72	.....	.....	37.24	47.30	36.35	.....	.....	39.05	40.00
6	.....	38.13	37.42	.....	.....	38.25	46.65	38.25	.....	.....	39.25	39.70
7	.....	37.74	38.05	.....	.....	37.20	46.45	38.28	.....	.....	39.45	39.50
8	36.98	37.58	37.83	.....	.....	36.40	47.15	39.00	.....	.....	39.45	38.50
9	37.08	37.20	37.55	.....	35.73	35.20	47.40	38.50	.....	.....	38.90	38.90
10	37.53	36.58	36.85	.....	35.62	35.45	46.90	38.30	.....	.....	38.00	39.35
11	37.88	37.12	37.36	.....	35.15	35.65	41.15	38.30	.....	38.60	38.80	39.50
12	37.00	37.42	37.80	.....	34.20	35.90	40.30	37.95	.....	38.50	39.20	39.30
13	36.50	37.87	37.77	.....	35.08	36.10	39.20	37.85	.....	37.70	39.45	39.25
14	36.76	37.62	37.78	.....	35.67	.....	37.90	37.98	.....	37.20	39.60	38.85
15	37.57	38.56	37.70	.....	36.10	.....	37.50	38.55	.....	38.40	39.60	38.35
16	.....	37.90	37.30	.....	36.08	.....	38.25	38.33	.....	38.85	39.60	38.00
17	.....	36.92	36.33	.....	36.36	.....	38.10	38.30	39.55	39.00	38.60	39.30
18	.....	38.50	36.85	.....	35.55	.....	38.85	36.90	.....	39.20	39.00	39.50
19	.....	37.83	36.62	.....	34.43	.....	38.35	38.00	.....	38.80	39.30	39.85
20	.....	37.86	36.62	.....	33.75	37.10	37.65	38.50	.....	39.00	38.95	39.55
21	.....	.....	37.00	.....	35.28	37.40	36.50	39.10	.....	39.15	39.15	39.00
22	.....	.....	37.00	.....	35.57	37.00	37.30	39.50	.....	39.25	39.30	38.35
23	.....	.....	36.72	.....	35.65	36.10	37.50	39.80	.....	40.20	38.75	38.90
24	.....	.....	36.28	.....	35.78	.....	37.55	39.50	.....	39.65	38.05	38.80
25	.....	.....	36.78	.....	35.28	38.10	38.10	38.00	.....	40.40	38.60	38.30
26	.....	.....	36.50	.....	34.50	46.20	39.20	38.75	.....	38.90	39.20	38.90
27	.....	.....	36.43	.....	35.60	49.50	38.00	38.88	.....	38.00	39.40	38.95
28	.....	.....	36.58	.....	35.55	46.50	36.90	38.90	.....	38.70	39.00	38.65
29	.....	.....	.....	.....	35.58	41.10	37.50	39.30	.....	39.00	39.15	38.15
30	.....	.....	.....	.....	36.08	37.80	37.40	39.40	.....	39.10	38.85	38.95
31	.....	.....	.....	.....	36.34	.....	37.90	39.00	.....	39.40	.....	39.35

Middlesex County

Observation Well No.: 95
Observer: O.W. Logan
Location: Township of Delaware, con I, lot OE. property of H.C. Brody
Type: Drilled, gauge
Depth: 82 feet
Aquifer: Gravel
Recording method: Manually, by tape
Records commenced: May 16, 1963
Measuring point: Top of casing 1.75 feet above land surface

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	18.61	Jun. 7	19.54	Jul.24	20.22	Dec. 3	20.15
May 30	19.20	Jun.20	19.83	Oct.10	19.89	Dec.19	20.97
		Jun.24	30.30			Dec.27	19.18
		Jun.25	32.69				

Middlesex County

Observation Well No.: 96
Observer: C.Gubbels
Location: Delaware Township, con I, lot 2, property of C.Gubbels.
Type: Dug, with sand point in bottom, used.
Depth: 6.5 feet below basement floor, sand point depth additional and not known.
Aquifer: Sand
Measuring point: Top of well curbing 5 feet below land surface.
Recording method: Manually, by tape.
Records commenced: May 16, 1963

Distance of water level from land surface.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	10.10	Jun. 9	10.55	Jul. 2	10.90	Jul.12	11.50
May 26	10.50	Jun. 24	11.12	Jul. 4	11.20	Jul.14	11.30
		Jun. 26	11.20	Jul. 5	11.30	Jul.17	11.60
		Jun. 29	10.80	Jul. 8	11.30	Jul.19	11.50
						Jul.22	11.60

Middlesex County

Observation Well No.: 97
 Observer: R.Summers
 Location: Delaware township, con II, lot 1 property of P.A.Dumoulin
 Type: Drilled, used
 Depth: 162 feet
 Aquifer: Sand
 Recording method: Manually, by tape.
 Records commenced: May 16, 1963
 Measuring point: Top of shelter wall 3.5 feet above land surface

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	67.70	Jun. 3	70.15	Jul. 3	71.30	Aug. 10	68.50
		Jun. 24	74.30	Jul. 8	70.90	Sep. 18	74.50
		Jun. 26	68.60	Jul. 12	72.90	Oct. 20	70.50
				Jul. 18	74.60		
				Jul. 24	71.60		

Middlesex County

Observation Well No.: 98
 Observer: O.W. Logan
 Location: Lobo Township, con I, lot 4. property of H.Wales
 Type: Drilled, gauge
 Depth: 77 feet
 Aquifer: Gravel
 Recording method: Manually, by tape
 Records commenced: May 16, 1963
 Measuring point: Top of casing .9 feet above land surface. Dec. 27, 1963
 casing extended to 2.7 feet above land surface

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	5.43	Jun. 7	5.67	Jul. 9	13.00	Dec. 13	5.60
May 30	5.55	Jun. 20	5.72	Jul. 24	5.94	Dec. 19	5.60
		Jun. 24	5.93	Oct. 11	5.67	Dec. 27	5.61
		Jun. 25	6.63				

Middlesex County

Observation Well No.: 99
 Observer: J.B. Franks,
 Location: Lobe Township, con III, lot 3. property of J.B.Franks
 Type: Sand point
 Depth: 15 feet
 Aquifer: Sand
 Recording method: Manually, by tape
 Records commenced: May 16, 1963
 Measuring point: Top of pipe 1.5 feet above land surface

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	7.45	Jul. 1	8.04	Jul. 17	8.46	Oct. 1	9.86
Jun. 1	7.55	Jul. 3	8.10	Jul. 19	8.51	Oct. 16	10.09
Jun. 16	7.73	Jul. 5	8.13	Jul. 21	8.56	Nov. 1	10.25
Jun. 25	7.93	Jul. 7	8.18	Jul. 23	8.60	Nov. 16	10.32
Jun. 27	7.96	Jul. 9	8.23	Aug. 2	8.85	Dec. 1	10.42
Jun. 29	8.00	Jul. 11	8.31	Aug. 16	9.11	Dec. 16	10.50
		Jul. 13	8.35	Sep. 2	9.40		
				Sep. 16	9.66		

Middlesex County

Observation Well No.: 100
 Observer: P. Westbrook
 Location: Lobo Township, con II lot 15, Police Village of Komaka
 Property of P. Westbrook
 Type: Dug, used
 Depth: 19 feet
 Aquifer: Sand and gravel
 Recording method: Manually, by tape.
 Records commenced: May 16, 1963
 Measuring point: Top of well curbing .25 feet above land surface

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
May 16	15.75	Jul. 2	16.25	Aug. 1	16.75	Oct. 1	17.90
May 31	15.65	Jul. 3	16.25	Aug. 15	17.05	Oct. 15	18.00
Jun. 16	15.65	Jul. 5	16.35	Sep. 1	17.50	Oct. 31	18.05
Jun. 25	16.25	Jul. 9	16.45	Sep. 15	17.70	Nov. 15	18.40
Jun. 26	16.25	Jul. 12	16.45			Nov. 30	18.25
Jun. 27	16.25	Jul. 15	16.45			Dec. 15	18.25
Jun. 28	16.25	Jul. 18	16.55				
Jun. 29	16.25	Jul. 20	16.60				
Jun. 30	16.25	Jul. 24	16.65				

Middlesex County

Observation Well No.: 105
 Observer: O.W. Logan
 Location: Lobo Township, con I, lot 4, property of H. Wales
 Type: Drilled, gauge
 Depth: 77 feet
 Aquifer: Gravel
 Recording method: Manually, by tape
 Records commenced: Jun. 7, 1963
 Measuring point: Top of casing 2.25 feet above land surface.

Distance of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jun. 7	+1.38	Jun. 24	+0.73	Jul. 9	-5.88	Oct. 11	+1.25
Jun. 20	+1.30	Jun. 25	+0.46	Jul. 24	+1.12	Dec. 3	+1.65

Note: + above land surface. - below land surface

Middlesex County

Observation Well No.: 114
 Observer: O.W. Logan
 Location: Westminster Township, con VI, lot 18. Property of G. Carrothers
 Type: Drilled, gauge
 Depth: 205 feet
 Aquifer: Gravel, clay, boulders.
 Recording method: Manually, by tape
 Records commenced: May 6, 1959

Distance of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3	77.34	Apr. 12	84.46	Jul. 4	79.85	Oct. 7	83.37
Mar. 1	79.27	May 26	78.70	Jul. 18	81.02	Oct. 31	83.62
		May 30	84.00	Jul. 21	82.34	Dec. 1	86.10
				Aug. 24	82.72	Dec. 28	86.70
				Aug. 30	83.10		
				Sep. 28	83.00		

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 30	88.99	May 4	92.00	Jul. 26	94.23	Nov. 1	99.60
Mar. 2	89.82	Jun. 6	91.87	Sep. 6	100.40	Nov. 29	95.00
Mar. 29	90.47	Jun. 28	92.92			Dec. 27	102.90

Middlesex County- cont.

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	102.30	Apr. 27	103.10	Aug. 1	111.67	Oct. 1	113.88
Feb. 26	104.62	May 30	106.54	Aug. 31	112.32	Nov. 5	115.48
Mar. 26	104.77	Jun. 28	109.00			Dec. 3	114.54

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	115.74	May 6	121.63	Jul. 2	123.42	Oct. 8	126.94
Feb. 27	120.16	Jun. 3	122.27	Jul. 29	124.38	Nov. 4	126.90
Mar. 27	121.69			Sep. 3	126.01	Nov. 29	126.89

Middlesex County

Observation Well No.: 107
 Observer: O.W. Logan
 Location: Lobo Township, con II, lot 6, property of W. Tunks
 Type: Drilled, gauge
 Depth: 130 feet
 Aquifer: Gravel
 Recording method: Automatic recorder
 Records commenced: Jun. 19, 1963
 Measuring point: Shelter base 3.15 feet above land surface

Daily lowest water level from land surface

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	25.99	26.55	26.90	27.14	27.26	27.43
2	25.98	26.56	26.90	27.10	27.25	27.45
3	26.01	26.55	26.95	27.10	27.27	27.40
4	26.05	26.55	26.93	27.18	27.27	27.37
5	26.03	26.60	26.90	27.18	27.26	27.43
6	26.03	26.60	26.90	27.20	27.28	27.44
7	26.03	26.60	26.90	27.13	27.28	27.43
8	26.10	26.58	26.92	27.15	27.25	27.50
9	26.11	26.58	26.93	27.17	27.27	27.26
10	26.15	26.62	26.95	27.22	27.27	27.45
11	26.21	26.62	26.95	27.17	27.27	27.45
12	26.24	26.65	26.95	27.23	27.27	27.45
13	26.23	26.60	27.03	27.27	27.30	27.40
14	26.18	26.61	27.03	27.27	27.37	27.43
15	26.21	26.65	27.03	27.26	27.40	27.49
16	26.25	26.67	27.05	27.25	27.40	27.50
17	26.30	26.68	27.07	27.27	27.37	27.51
18	26.40	26.75	27.05	27.29	27.40	27.47
19	25.75	26.38	26.74	27.03	27.30	27.45	27.38
20	25.80	26.30	26.70	27.00	27.30	27.46	27.38
21	25.88	26.37	26.74	27.03	27.43	27.40	27.45
22	25.92	26.40	27.74	27.07	27.42	27.38	27.48
23	25.96	26.42	27.74	27.13	27.36	27.33	27.48
24	25.98	26.48	27.75	27.13	27.35	27.45	27.42
25	25.94	26.55	27.80	27.13	27.27	27.46	27.33
26	25.90	26.65	27.83	27.06	27.37	27.43	27.33
27	25.90	26.65	27.83	27.05	27.34	27.38	27.40
28	25.93	26.60	27.83	27.03	27.33	27.38	27.42
29	25.95	26.55	27.76	27.03	27.33	27.33	27.50
30	25.99	26.57	27.70	27.10	27.36	27.33	27.57
31	26.56	26.85	.....	27.33	.....	27.58

Middlesex County

Observation Well No.: 513
 Observer: C.W. Logan
 Location: Westminster Township, con. V, lot 22, property of C.Holborn and London Public Utilities Commission
 Type: Drilled, test
 Depth: 144 feet
 Aquifer: Gravel
 Recording method: Automatic recorder.
 Records commenced: Sep.9, 1959
 Measuring point: Top side of shelter base 5.4 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.40	10.77	.....	.....	14.81	16.16	17.55	18.83	20.25	21.63	22.12	24.22
2	9.41	10.84	.....	.....	14.85	16.20	17.64	18.87	20.30	21.67	22.12	24.26
3	9.47	10.95	.....	.....	14.89	16.27	17.72	18.90	20.32	21.72	22.24	24.29
4	9.49	10.97	.....	.....	14.94	16.30	17.75	18.95	20.38	21.77	22.27	24.32
5	9.53	10.98	.....	.....	14.99	16.37	17.80	18.98	20.40	21.85	22.31	24.35
6	9.56	11.04	.....	.....	15.04	16.43	17.84	19.03	20.46	21.88	22.36	24.38
7	9.57	11.07	.....	.....	15.10	16.48	17.87	19.07	20.52	21.92	22.39	24.41
8	9.64	.....	.....	.....	15.15	16.54	17.90	19.09	20.56	21.95	22.45	24.46
9	9.65	.....	.....	.....	15.18	16.56	17.93	19.10	20.59	21.01	22.50	24.48
10	9.68	.....	.....	.....	15.18	16.57	17.95	19.20	20.67	22.06	22.58	24.50
11	9.74	.....	.....	.....	15.18	16.67	18.62	19.25	20.70	22.08	22.59	24.52
12	9.75	.....	.....	13.88	15.32	16.70	18.08	19.29	20.77	22.08	22.62	24.52
13	9.77	.....	.....	13.93	15.35	16.75	18.10	19.35	20.83	22.18	22.68	24.57
14	9.78	.....	.....	13.97	15.38	16.79	18.17	19.39	20.85	22.25	22.70	24.59
15	9.83	.....	.....	14.03	15.45	16.86	18.18	19.46	20.92	22.29	22.75	24.66
16	9.88	.....	.....	14.07	15.48	16.90	18.22	19.48	20.96	22.32	22.80	24.68
17	9.93	.....	.....	14.10	15.53	16.92	18.26	19.54	21.00	22.38	22.82	24.75
18	9.95	.....	.....	14.18	15.62	16.97	18.30	19.58	21.05	22.42	22.87	24.78
19	10.03	.....	.....	14.20	15.65	17.03	18.34	19.59	21.08	22.48	22.89	24.81
20	10.09	.....	.....	14.20	15.68	17.05	18.38	19.68	21.08	22.52	22.95	24.84
21	10.14	.....	.....	14.20	15.68	17.07	18.42	19.71	21.17	22.56	22.98	24.89
22	10.17	.....	.....	14.31	15.79	17.13	18.46	19.76	21.22	22.58	23.02	24.95
23	10.25	.....	.....	14.37	15.84	17.19	18.50	19.84	21.27	22.67	23.05	25.00
24	10.30	.....	.....	14.40	15.90	17.24	18.53	19.92	21.32	22.70	23.05	25.05
25	10.34	.....	.....	14.45	15.93	17.31	18.58	19.94	21.34	22.75	23.07	25.07
26	10.40	.....	.....	14.50	15.95	17.33	18.60	19.98	21.40	22.82	23.09	25.17
27	10.45	.....	.....	14.58	15.90	17.38	18.68	20.07	21.50	22.93	23.09	25.20
28	10.52	.....	.....	14.63	15.95	17.43	18.72	20.10	21.53	22.94	23.09	25.27
29	10.58	.....	.....	14.66	16.00	17.45	18.75	20.15	21.58	23.02	24.17	25.32
30	10.59	.....	.....	14.70	16.07	17.53	18.75	20.15	21.58	23.02	24.17	25.32
31	10.67	.....	.....	.....	16.10	.....	18.80	20.19	.....	23.08	.....	25.35

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	25.41	26.55	27.45	28.52	29.71	30.86	32.11	33.31	34.56	36.24	37.89	39.30
2	25.46	26.55	27.49	28.54	29.75	30.93	32.13	33.32	34.63	36.24	37.91	39.35
3	25.46	26.56	27.56	28.55	29.81	30.96	32.23	33.40	34.70	36.30	38.00	39.36
4	25.52	26.66	27.56	28.65	29.85	31.00	32.25	33.42	34.70	36.35	38.05	39.36
5	25.52	26.68	27.65	28.66	29.89	31.05	32.28	33.46	34.77	36.40	38.10	39.49
6	25.67	26.72	27.65	28.72	29.89	31.11	32.32	33.48	34.82	36.47	38.15	39.50
7	25.67	26.72	27.69	28.78	29.94	31.12	32.34	33.53	34.87	36.53	38.19	39.55
8	25.67	26.75	27.69	28.82	29.95	31.17	32.39	33.57	34.92	36.58	38.25	39.59
9	25.70	26.82	27.72	28.82	30.05	31.17	32.43	33.62	34.96	36.63	38.32	39.59
10	25.72	26.88	27.76	28.89	30.06	31.26	32.45	33.65	35.00	36.68	38.39	39.72
11	25.74	26.88	27.78	28.91	30.06	31.28	32.48	33.68	35.05	36.72	38.43	39.72
12	25.74	26.98	27.81	28.91	30.09	31.32	32.52	33.70	35.08	36.80	38.47	39.82
13	25.74	26.98	27.81	28.98	30.15	31.36	32.54	33.78	35.13	36.80	38.51	39.82
14	25.81	27.05	27.83	29.04	30.17	31.42	32.58	33.80	35.15	36.90	38.58	39.93
15	25.83	27.05	27.89	29.13	30.17	31.46	32.60	33.85	35.27	36.93	38.60	39.93
16	25.84	27.05	27.95	29.14	30.29	31.51	32.63	33.92	35.31	37.03	38.60	39.91
17	25.88	27.05	27.97	29.21	30.29	31.54	32.66	33.95	35.36	37.03	38.70	39.99
18	25.91	27.05	28.04	29.26	30.34	31.56	32.71	33.97	35.40	37.12	38.74	40.02
19	25.96	27.25	28.04	29.27	30.36	31.59	32.72	34.03	35.44	37.13	38.78	40.05
20	25.98	27.25	28.06	29.29	30.39	31.65	32.78	34.08	35.49	37.23	38.75	40.08
21	26.02	27.25	28.09	29.36	30.46	31.67	32.82	34.11	35.54	37.28	38.87	40.15
22	26.06	27.26	28.14	29.42	30.50	31.73	32.83	34.15	35.60	37.35	38.90	40.15
23	26.06	27.34	28.19	29.42	30.55	31.79	32.86	34.22	35.75	37.37	38.95	40.20
24	26.06	27.34	28.21	29.42	30.57	31.85	32.88	34.22	35.80	37.48	39.05	40.28
25	26.26	27.34	28.22	29.46	30.68	31.86	32.93	34.28	35.82	37.55	39.05	40.30
26	26.25	27.44	28.25	29.56	30.68	31.92	32.98	34.30	35.95	37.62	39.07	40.34
27	26.28	27.44	28.35	29.56	30.68	31.95	33.08	34.38	35.95	37.66	39.16	40.41
28	26.34	27.44	28.38	29.65	30.75	32.00	33.14	34.43	36.05	37.73	39.16	40.43
29	26.39	.....	28.43	29.67	30.81	32.08	33.19	34.45	36.08	37.78	39.22	40.47
30	26.43	.....	28.41	29.68	30.83	32.08	33.23	34.50	36.14	37.82	39.25	40.55
31	26.45	.....	.....	.....	30.83	.....	33.23	34.54	.....	.....	.....	40.55

Middlesex County - cont.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	40.58	41.70	42.88	43.74	44.65	45.93	47.50	.....	.....	52.08	53.60	55.10
2	40.68	.....	42.88	43.75	44.65	45.77	47.53	48.88	.....	52.12	53.64	55.13
3	40.68	.....	42.90	43.77	44.72	46.03	47.60	48.92	.....	52.16	53.64	55.16
4	40.68	.....	42.90	43.78	44.74	46.03	47.65	48.98	.....	52.20	53.72	55.20
5	40.68	.....	45.00	43.80	44.77	46.11	47.70	49.05	.....	52.27	53.80	55.26
6	40.68	42.05	45.00	43.85	44.87	46.17	47.75	49.11	.....	52.32	53.87	55.29
7	40.77	42.05	45.00	43.88	44.87	46.20	47.78	49.12	.....	52.36	53.88	55.30
8	40.81	42.13	45.03	43.89	44.92	46.26	.....	49.18	.....	52.42	53.96	55.47
9	40.70	42.18	45.08	43.96	44.94	46.34	.....	49.24	.....	52.48	53.96	55.45
10	40.90	42.22	45.20	43.76	44.95	46.37	.....	49.28	.....	52.48	54.08	55.48
11	40.93	42.22	45.20	44.00	45.00	46.42	.....	49.37	.....	52.60	54.08	55.60
12	40.97	42.27	45.24	43.98	45.03	46.44	.....	49.40	.....	.....	54.25	55.73
13	41.04	42.27	45.29	44.10	45.03	46.50	.....	49.45	.....	.....	54.21	55.66
14	41.04	42.36	45.29	44.10	45.14	46.58	.....	49.55	.....	.....	54.25	55.73
15	41.22	42.36	45.29	44.12	45.15	46.62	.....	49.59	.....	.....	54.28	55.77
16	41.22	42.40	45.35	44.14	45.18	46.66	.....	49.61	.....	.....	54.33	55.82
17	41.23	42.45	45.37	44.14	45.22	46.74	.....	49.66	.....	.....	54.39	55.87
18	41.23	42.45	45.37	44.20	45.27	46.80	.....	49.70	.....	.....	54.46	55.91
19	41.25	42.47	45.37	44.25	45.29	46.83	.....	49.75	.....	52.94	54.46	55.98
20	41.35	42.54	45.43	44.30	45.37	46.87	.....	49.78	.....	52.98	54.49	55.98
21	41.35	42.54	45.45	44.30	45.40	46.92	.....	49.83	.....	53.00	54.55	55.98
22	41.37	42.63	45.46	44.32	45.40	46.98	.....	49.88	.....	53.02	54.70	56.12
23	41.44	42.66	45.46	44.40	45.48	47.03	.....	49.93	.....	53.18	54.72	56.24
24	41.44	42.72	45.50	44.40	45.53	47.09	.....	49.95	.....	53.21	54.83	56.24
25	41.54	42.72	45.52	44.43	45.53	47.17	.....	50.03	.....	53.25	54.83	56.27
26	41.54	42.82	45.55	44.45	45.62	47.22	.....	50.03	.....	53.33	54.88	56.33
27	41.61	42.82	45.55	44.48	45.65	47.27	.....	50.10	.....	53.33	54.92	56.35
28	41.61	42.88	45.55	44.53	45.73	47.32	.....	50.14	.....	53.47	54.97	56.38
29	41.62	.....	45.56	44.58	45.77	47.38	.....	50.20	.....	53.47	54.99	56.48
30	41.73	.....	45.68	44.67	45.81	47.47	.....	50.25	.....	53.47	55.06	56.48
31	41.73	.....	45.68	.....	45.86	.....	.....	50.30	.....	53.57	.....	56.48

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	56.48	.....	.....	59.65	60.63	60.90	61.75	62.79	63.34	64.03	64.91	66.05
2	56.48	.....	.....	59.69	60.58	60.92	61.83	62.79	63.36	64.01	64.92	66.05
3	56.64	.....	.....	59.69	60.58	60.92	61.84	62.83	63.41	64.10	64.93	67.07
4	56.68	.....	.....	59.86	60.63	60.94	61.87	62.86	63.42	64.12	64.95	66.17
5	56.72	.....	.....	59.82	60.62	60.97	61.90	62.87	63.40	64.12	64.97	66.22
6	56.74	.....	.....	59.83	60.62	61.00	61.92	62.90	63.42	64.12	65.23	67.17
7	56.76	.....	.....	59.86	60.62	60.99	61.99	62.92	63.44	64.18	65.05	66.25
8	56.75	.....	.....	59.86	60.64	61.00	62.03	62.93	63.45	64.22	65.11	66.31
9	56.82	.....	.....	59.93	60.64	61.02	62.07	62.97	63.47	64.24	65.15	66.32
10	56.85	.....	.....	60.03	60.68	61.05	62.13	62.97	63.50	64.24	65.18	66.42
11	56.85	.....	.....	60.00	60.68	61.07	62.18	62.99	63.50	64.24	65.22	66.41
12	56.88	.....	.....	60.02	60.67	61.11	62.19	62.99	63.60	64.39	65.24	66.47
13	56.92	.....	.....	60.08	60.65	61.13	62.23	63.09	63.62	64.33	65.33	66.47
14	56.92	.....	.....	60.10	60.70	61.18	62.27	63.09	63.58	64.35	65.37	66.53
15	56.92	.....	58.98	60.13	60.67	61.18	62.32	63.05	63.62	64.38	65.37	66.59
16	56.92	.....	58.95	60.15	60.67	61.23	62.37	63.07	63.64	64.40	65.43	66.60
17	57.08	.....	59.10	60.15	60.67	61.27	62.38	63.12	63.66	64.43	65.45	66.62
18	57.15	.....	59.12	60.25	60.70	61.32	62.41	63.12	63.66	64.45	65.56	66.70
19	59.12	.....	59.12	60.23	60.72	61.31	62.43	63.12	63.70	64.48	65.57	66.70
20	57.20	.....	59.18	60.32	60.73	61.38	62.48	63.15	63.70	64.53	65.57	66.72
21	57.22	.....	59.26	60.34	60.73	61.40	62.50	63.15	63.76	64.56	65.66	66.75
22	57.24	.....	59.27	60.34	60.73	61.44	62.52	63.17	63.80	64.58	65.66	66.80
23	57.27	.....	59.28	60.43	60.77	61.48	62.57	63.18	63.81	64.60	65.76	66.82
24	57.30	.....	59.33	60.42	60.77	61.50	62.60	63.22	63.81	64.60	65.78	66.82
25	57.35	.....	59.35	60.42	60.80	61.51	62.62	63.22	63.82	64.60	65.79	66.88
26	57.35	.....	59.38	60.47	60.81	61.53	62.68	63.24	63.85	64.63	65.84	66.92
27	57.42	.....	59.47	60.50	60.83	61.58	62.68	63.25	63.85	64.69	65.90	66.92
28	57.42	.....	59.48	60.51	60.87	61.64	62.70	63.25	63.90	64.76	65.90	66.94
29	57.42	.....	59.50	60.50	60.87	61.67	62.75	63.30	63.95	64.80	65.93	67.01
30	57.42	.....	59.58	60.63	60.88	61.72	62.76	63.31	63.97	64.82	66.04	67.04
31	.....	.....	59.63	.....	60.89	.....	62.76	63.32	.....	64.83	.....	67.03

Norfolk County

Observation Well No.: 25
 Observer: C.E. Maxwell
 Location: Town of Simcoe, property of Simcoe Public Utilities Commission
 Type: Drilled, gauge
 Depth: 26 feet
 Aquifer: Gravel
 Recording method: Manually by tape
 Records commenced: Oct. 1, 1954
 Measuring point: Top of iron valve box at land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	15.84	Feb. 1	15.71	Mar. 1	15.62		

Norfolk County - cont.

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.17	17.21	Feb.17	17.25				

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	17.35	Mar. 7	17.35	May 10	17.32	Jul. 2	17.20
Feb. 6	17.23	Apr. 4	17.20	Jun. 7	17.34	Aug. 1	17.12

Norfolk County

Observation Well No.: 93
 Observer: C.E. Maxwell
 Location: Town of Simcoe, property of Simcoe Public Utilities Commission
 Type: Drilled gauge
 Depth: 73 feet
 Aquifer: Gravel
 Recording method: Manually by tape
 Records commenced: Jun. 7, 1963
 Measuring point: Top of pipe level with land surface

Distances of water level from land surface

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	45.10	Apr. 4	44.50	Jun. 7	45.02		
Feb. 6	44.25	May 10	44.74	Jul. 2	42.66		
Mar.11	45.54			Aug. 1	46.17	Dec. 7	47.29

Norfolk County

Observation Well No.: 94
 Observer: C.E. Maxwell
 Location: Town of Simcoe, property of Simcoe Public Utilities Commission
 Type: Drilled, gauge
 Depth: 78 feet
 Aquifer: Sand and gravel
 Recording method: Manually by tape
 Records commenced: Jan.17, 1962
 Measuring point: Top of pipe 0.25 feet above land surface

Distances of water level from land surface.

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.17	45.22	Feb.28	45.75				

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	48.27	Apr. 4	48.24	Jul. 2	47.93		
Feb. 6	48.35	May 10	48.05	Aug. 1	48.95		
Mar. 7	49.05	Jun. 7	47.90			Dec. 7	50.09

Oxford County

Observation Well No.: 13
 Observer: N.Copp
 Location: West Oxford Township, con III, lot 2, property of Woodstock Public Utilities Commission
 Type: Drilled, gauge
 Depth: 75 feet
 Aquifer: Gravel
 Recording method: Manually by tape
 Records commenced: Jul. 5, 1946
 Measuring point: Top of casing 2 feet above land surface.

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.30	1.78	Apr.30	1.02	Jul.30	1.20	Oct.31	1.70
Feb.29	1.70	May 31	.73	Aug.31	1.47	Nov.30	2.35
Mar.31	frozen	Jul. 8	.84	Sep.30	1.59	Dec.31	2.60

Oxford County - cont.

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3	2.67	May 9	2.26	Aug. 7	3.00	Nov. 2	3.54
Mar. 2	2.45	Jun. 2	2.94	Sep. 6	2.99	Dec. 4	3.47
Apr. 5	2.30	Jul. 13	3.36	Oct. 2	3.36	Dec. 31	3.58

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 31	3.54	Apr. 30	3.57	Jul. 31	4.44	Nov. 9	4.82
Feb. 28	3.40	May 31	3.62	Aug. 29	4.98	Nov. 30	4.58
Mar. 31	3.15	Jul. 6	3.53	Sep. 30	5.35	Dec. 31	4.48

Oxford County

Observation Well No.: 58
Observer: C.Scott
Location: East Zorra township, con X, lot 12, property of Dr.James A.Vance
Type: Drilled, used
Depth: 147 feet
Aquifer: Limestone
Recording method: Manually by tape
Records commenced: Apr.10, 1956
Measuring point: Top of casing in well pit 5 feet below land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.29	27.98	Apr.16	25.97	Jun.28	28.91	Sep.10	30.99
Mar. 8	29.95	May 20	26.00	Jul.29	29.96	Nov.14	32.92

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.17	33.92	May 29	29.96				
Mar.29	31.94	Jul. 1	31.95	Sep.13	33.45	Nov. 1	34.00
		Jul.27	33.45	Oct. 1	32.42	Nov.30	33.92

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 8	33.99	Apr. 4	30.92	Jul. 9	31.98		
Feb. 1	32.92	May 7	30.00	Aug.14	33.92	Nov. 5	34.96
Mar. 6	33.91	May 29	30.92	Sep.17	34.96	Dec.24	33.95

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	45.50	Apr.21	31.92	Aug. 6	33.95	Oct. 8	34.93
Jan.24	44.35			Aug.31	32.98	Nov. 4	35.19
Jan.28	34.91						

Oxford County

Observation Well No.: 101
Observer: S.G. Burgess, N. Copp
Location: East Zorra township, con XII, lot 3, property of Upper Thames River Conservation Authority
Type: Drilled, gauge
Depth: 61 feet
Aquifer: Rock
Recording method: Piezometer
Records commenced: Jun. 28, 1962
Measuring point: Top of well casing 3.5 feet above land surface

Distances of water level above land surface

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jun.28	4.70	Aug.10	4.33	Sep.21	4.42	Oct.26	5.50

Oxford County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	6.25	Apr. 6	5.73	Jul. 4	4.37	Oct. 4	3.89
Jan. 8	6.29	Apr. 11	5.59	Jul. 19	4.07	Oct. 11	3.86
Jan. 12	6.29	Apr. 20	5.73	Jul. 26	4.04	Nov. 1	3.90
Jan. 18	6.16	Apr. 26	5.45	Aug. 2	4.26	Nov. 8	4.02
Jan. 25	6.19	May 3	5.29	Aug. 9	4.22	Nov. 15	3.90
Feb. 1	6.15	May 9	5.27	Aug. 24	4.15	Nov. 22	3.90
Feb. 8	6.12	May 17	5.20	Aug. 30	4.15	Nov. 29	3.89
Feb. 15	6.33	May 24	5.31	Sep. 6	4.09	Dec. 7	3.89
Feb. 22	6.25	May 31	5.25	Sep. 13	4.05		
Mar. 1	5.71	Jun. 7	5.27	Sep. 20	3.98		
Mar. 8	5.65	Jun. 14	5.60	Sep. 27	3.98		
Mar. 15	6.16	Jun. 21	4.60				
Mar. 22	6.40	Jun. 29	5.20				
Mar. 29	5.52						

Oxford County

Observation Well No.: 102
 Observer: S.G. Burgess, N. Copp
 Location: East Zorra Township, con XII, lot 3, property of Upper Thames River Conservation Authority
 Type: Drilled, gauge
 Depth: 91.6 feet
 Aquifer: Rock
 Recording method: Manually, by tape
 Records commenced: May 7, 1962
 Measuring point: Top of casing 3.50 feet above land surface

Distances of water level above land surface

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
		May 7	.20	Aug. 2	1.63	Sep. 21	1.90
		Jun. 12	1.40	Aug. 10	1.70	Oct. 26	1.84
		Jul. 30	1.80	Aug. 31	1.72	Nov. 1	1.93

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 8	2.20	Apr. 6	.50	Jul. 5	1.90	Oct. 4	1.90
Mar. 8	1.73	Apr. 11	.62	Jul. 12	1.92	Oct. 11	1.89
Mar. 15	1.67	Apr. 20	.76	Jul. 19	1.93	Oct. 18	1.82
Mar. 22	1.69	Apr. 26	.96	Jul. 26	1.97	Oct. 25	1.83
Mar. 29	1.62	May 3	1.29	Aug. 2	1.94	Nov. 1	1.79
		May 9	1.39	Aug. 9	1.96	Nov. 8	1.72
		May 17	1.66	Aug. 16	1.99	Nov. 15	1.67
		May 24	1.82	Aug. 24	2.21	Nov. 22	1.68
		May 31	1.70	Aug. 31	1.92	Nov. 29	1.54
		Jun. 7	1.53	Sep. 6	1.90	Dec. 7	1.47
		Jun. 14	1.82	Sep. 13	1.92	Dec. 13	1.40
		Jun. 21	1.88	Sep. 20	1.90		
		Jun. 29	1.84	Sep. 27	1.87		

Oxford County

Observation Well No.: 103
 Observer: S.G. Burgess, N. Copp
 Location: East Zorra Township, con XII, lot 4, property of Upper Thames River Conservation Authority
 Type: Drilled, gauge
 Depth: 51.75 feet
 Aquifer: Rock
 Recording method: Automatic recorder
 Measuring point: Top side of shelter base 3 feet above land surface

Daily lowest water level from land surface

1962

	Jul.	Aug.	Sep.	Oct.		Jul.	Aug.	Sep.	Oct.		Jul.	Aug.	Sep.	Oct.
Day	Feet	Feet	Feet	Feet	Day	Feet	Feet	Feet	Feet	Day	Feet	Feet	Feet	Feet
1	4.94	5.44	5.67	5.72	11	5.18	5.40	5.80	5.79	21	5.39	5.55	5.76	5.87
2	4.97	5.46	5.68	5.73	12	5.21	5.40	5.81	5.82	22	5.41	5.56	5.74	5.86
3	4.99	5.47	5.70	5.73	13	5.22	5.40	5.82	5.83	23	5.41	5.57	5.74	5.86
4	5.01	5.50	5.71	5.73	14	5.24	5.41	5.82	5.84	24	5.41	5.57	5.74	5.80
5	5.04	5.51	5.73	5.73	15	5.26	5.43	5.82	5.85	25	5.41	5.58	5.74	5.73
6	5.07	5.52	5.74	5.74	16	5.28	5.44	5.83	5.85	26	5.41	5.60	5.74	5.62
7	5.10	5.52	5.75	5.78	17	5.30	5.46	5.83	5.86	27	5.41	5.62	5.74	5.58
8	5.12	5.45	5.77	5.78	18	5.32	5.50	5.80	5.87	28	5.41	5.63	5.73	5.53
9	5.14	5.43	5.78	5.79	19	5.34	5.52	5.77	5.89	29	5.41	5.64	5.73	5.47
10	5.16	5.42	5.80	5.79	20	5.37	5.53	5.76	5.89	30	5.42	5.65	5.72	5.45
										31	5.43	5.67	....	5.43

Oxford County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	....	4.61	4.88	2.37	3.25	3.73	4.19	4.95	5.37	5.70	5.96	5.96
2	....	4.62	4.89	2.37	3.27	3.75	4.22	4.95	5.37	5.71	5.96	5.97
3	....	4.64	4.91	2.38	3.30	3.78	4.25	4.97	5.38	5.72	5.95	5.98
4	4.31	4.65	4.92	2.40	3.33	3.82	4.30	4.98	5.40	5.73	5.95	5.99
5	4.31	4.65	4.93	2.45	3.35	3.87	4.38	5.00	5.41	5.74	5.94	6.00
6	4.32	4.66	4.93	2.47	3.37	3.88	4.43	5.02	5.42	5.75	5.94	6.00
7	4.32	4.66	4.91	2.51	3.41	3.92	4.46	5.03	5.43	5.75	5.94	6.00
8	4.31	4.68	4.87	2.55	3.44	3.94	4.50	5.05	5.44	5.76	5.94	6.00
9	4.31	4.70	4.82	2.58	3.48	3.95	4.53	5.03	5.45	5.77	5.94	6.00
10	4.30	4.70	4.75	2.63	3.50	3.96	4.57	5.03	5.47	5.78	5.94	6.00
11	4.30	4.71	4.68	2.67	3.29	3.95	4.60	5.05	5.49	5.79	5.94	6.01
12	4.32	4.72	4.62	2.71	3.28	3.93	4.63	5.07	5.49	5.80	5.94	6.01
13	4.32	4.72	4.58	2.77	3.30	3.95	4.66	5.08	5.50	5.81	5.94	6.02
14	4.34	4.73	4.50	2.82	3.34	3.98	4.68	5.10	5.52	5.83	5.95	6.02
15	4.36	4.75	4.38	2.86	3.38	4.00	4.70	5.12	5.52	5.84	5.95	6.03
16	4.38	4.76	4.25	2.89	3.43	4.04	4.73	5.14	5.54	5.85	5.96	6.04
17	4.40	4.76	4.12	2.89	3.47	4.06	4.75	5.15	5.55	5.86	5.96	6.05
18	4.40	4.77	3.73	2.84	3.47	4.10	4.77	5.17	5.56	5.86	5.96	6.05
19	4.40	4.78	3.53	2.86	3.46	4.13	4.80	5.18	5.57	5.87	5.96	6.05
20	4.41	4.78	3.42	2.86	3.48	4.16	4.79	5.20	5.58	5.87	5.96	6.06
21	4.43	4.79	3.35	2.90	3.51	4.19	4.75	5.22	5.60	5.88	5.96	6.07
22	4.45	4.80	3.35	2.96	3.53	4.23	4.74	5.24	5.61	5.89	5.96	6.07
23	4.48	4.81	3.35	3.00	3.57	4.26	4.75	5.25	5.62	5.90	5.95	6.07
24	4.49	4.82	3.17	3.05	3.60	4.29	4.77	5.27	5.63	5.91	5.94	6.07
25	4.51	4.83	2.97	3.09	3.62	4.33	4.80	5.28	5.64	5.92	5.94	6.07
26	4.53	4.85	2.68	3.14	3.65	4.35	4.83	5.30	5.65	5.92	5.94	6.07
27	4.53	4.85	2.50	3.18	3.68	4.38	4.85	5.31	5.66	5.93	5.93	6.08
28	4.56	4.87	3.22	3.69	3.69	4.40	4.87	5.32	5.67	5.94	5.94	6.08
29	4.57	....	2.35	3.25	3.69	4.26	4.89	5.34	5.68	5.94	5.94	6.08
30	4.58	....	2.35	3.25	3.70	4.18	4.92	5.35	5.69	5.95	5.95	6.09
31	4.60	....	2.37	....	3.70	....	4.93	5.35	....	5.96	....	6.09

Oxford County

Observation Well No.: 104
 Observer: S.G. Burgess, N. Copp
 Location: East Zorra township con XII, lot 4, property of Upper Thames River Conservation Authority
 Type: Drilled, gauge
 Depth: 17.6 feet
 Aquifer: Fine sand
 Recording method: Automatic recorder
 Measuring point: Top side of shelter base 3 feet above land surface

Daily lowest water level from land surface

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	5.18	5.58	5.72	5.95	5.56	....
2	5.20	5.59	5.73	5.95	....	....
3	5.21	5.60	5.74	5.95	....	....
4	5.23	5.61	5.75	5.95	....	....
5	5.24	5.62	5.76	5.98	....	....
6	5.26	5.63	5.76	5.98	....	....
7	5.27	5.63	5.79	5.99	....	....
8	5.28	5.63	5.80	6.00	....	....
9	5.30	5.63	5.82	6.00	....	....
10	5.31	5.62	5.83	6.01	....	....
11	5.32	5.62	5.84	6.01	....	....
12	5.33	5.62	5.85	5.97	....	....
13	5.36	5.61	5.85	5.97	....	....
14	5.38	5.62	5.86	5.97	....	....
15	5.40	5.63	5.87	5.97	....	....
16	5.41	5.63	5.87	5.97	....	....
17	5.43	5.63	5.87	5.98	....	....
18	5.43	5.61	5.89	5.98	....	....
19	5.44	5.62	5.90	5.98	....	....
20	5.46	5.63	5.90	6.01	....	....
21	5.47	5.64	5.90	6.01	....	....
22	5.48	5.64	5.91	6.01	....	....
23	5.50	5.65	5.91	6.02	....	....
24	5.51	5.65	5.92	6.02	....	....
25	5.53	5.65	5.92	5.92	....	....
26	5.53	5.65	5.92	5.84	....	....
27	5.54	5.66	5.93	5.77	....	....
28	5.55	5.67	5.93	5.74	....	....
29	5.01	5.55	5.68	5.94	5.68	....	....
30	5.10	5.56	5.69	5.95	5.64	....	....
31	5.14	5.57	5.70	5.95	5.60	....	....
							5.58	5.71	....	5.58	....	....

Oxford County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	....	5.17	5.39	2.60	3.47	4.07	4.40	5.06	5.48	5.82	6.05	6.01
2	....	5.19	5.41	2.63	3.55	4.11	4.47	5.08	5.49	5.82	6.05	6.01
3	....	5.21	5.42	2.64	3.62	4.14	4.55	5.09	5.50	5.83	6.05	6.02
4	4.78	5.21	5.42	2.67	3.67	4.17	4.60	5.10	5.51	5.84	6.05	6.02
5	4.79	5.21	5.43	2.73	3.67	4.21	4.66	5.12	5.52	5.85	6.05	6.03
6	4.80	5.21	5.43	2.73	3.69	4.21	4.72	5.14	5.54	5.85	6.05	6.04
7	4.80	5.23	5.40	2.80	3.72	4.24	4.75	5.15	5.55	5.86	6.04	6.04
8	4.81	5.24	5.33	2.83	3.78	4.26	4.78	5.16	5.56	5.87	6.03	6.04
9	4.81	5.25	5.28	2.88	3.83	4.27	4.82	5.17	5.57	5.87	6.03	6.05
10	4.81	5.26	5.23	2.92	3.83	4.27	4.84	5.18	5.59	5.87	6.03	6.05
11	4.81	5.26	5.17	2.98	3.60	4.15	4.86	5.20	5.60	5.88	6.03	6.05
12	4.81	5.27	5.11	3.03	3.53	4.17	4.90	5.21	5.61	5.90	6.03	6.06
13	4.82	5.27	5.08	3.07	3.57	4.19	4.92	5.22	5.62	5.91	6.03	6.06
14	4.83	5.28	5.00	3.14	3.65	4.27	4.92	5.24	5.63	5.92	6.03	6.06
15	4.84	5.30	4.90	3.17	3.72	4.31	4.93	5.26	5.64	5.93	6.03	6.07
16	4.84	5.30	4.78	3.20	3.78	4.35	4.94	5.27	5.65	5.94	6.05	6.07
17	4.85	5.30	4.55	3.21	3.83	4.38	4.95	5.27	5.66	5.95	6.05	6.08
18	4.87	5.30	4.14	3.08	3.83	4.43	4.95	5.30	5.67	5.95	6.05	6.08
19	4.88	5.31	3.93	3.05	3.70	4.45	4.96	5.30	5.68	5.96	6.05	6.09
20	4.90	5.31	3.83	3.05	3.78	4.49	4.93	5.32	5.68	5.97	6.05	6.10
21	4.91	5.32	3.86	3.17	3.83	4.53	4.87	5.34	5.70	5.97	6.05	6.10
22	4.92	5.32	3.90	3.25	3.85	4.56	4.85	5.35	5.71	5.98	6.03	6.10
23	4.93	5.32	3.84	3.26	3.89	4.60	4.87	5.37	5.72	5.99	6.03	6.10
24	4.96	5.34	3.56	3.34	3.92	4.63	4.89	5.37	5.74	6.00	6.02	6.10
25	5.03	5.35	3.35	3.39	3.95	4.65	4.92	5.40	5.75	6.00	6.01	6.10
26	5.08	5.37	3.12	3.46	3.99	4.68	4.96	5.41	5.76	6.01	6.00	6.10
27	5.12	5.37	2.87	3.52	4.02	4.72	4.98	5.43	5.76	6.01	6.00	6.10
28	5.15	5.39	....	3.56	4.03	4.74	5.00	5.44	5.77	6.02	6.00	6.10
29	5.15	....	2.45	3.57	3.95	4.28	5.02	5.46	5.79	6.03	6.00	6.10
30	5.15	....	2.50	3.55	4.00	4.34	5.03	5.46	5.80	6.04	6.00	6.11
31	5.17	....	2.59	....	4.03	....	5.05	5.47	....	6.05	....	6.11

Perth County

Observation Well No.: 19
 Observer: Public Utilities Commission Personnel
 Location: City of Stratford, property of Stratford Public Utilities Commission
 Type: Drilled, municipal, used
 Depth: 350 feet
 Aquifer: Limestone
 Recording method: Manually by tape, weekly
 Records commenced: Oct. 26, 1946
 Measuring point: Iron frame 1 foot above land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	32.33	Apr. 3	33.83	Jul. 3	32.75	Oct. 2	35.75
Jan. 10	31.83	Apr. 10	33.83	Jul. 10	33.25	Oct. 9	35.00
Jan. 17	33.12	Apr. 17	31.42	Jul. 17	34.75	Oct. 16	34.50
Jan. 24	31.83	Apr. 24	33.17	Jul. 24	33.50	Oct. 23	34.66
Jan. 31	31.50	May 1	32.83	Jul. 31	34.59	Oct. 30	34.00
Feb. 7	31.66	May 8	32.33	Aug. 14	34.42	Nov. 6	35.08
Feb. 14	32.17	May 15	32.32	Aug. 28	36.66	Nov. 13	35.17
Feb. 21	33.83	May 22	33.33	Sep. 14	35.08	Nov. 20	32.25
Feb. 28	33.17	May 29	33.08	Sep. 11	36.00	Nov. 27	32.66
Mar. 6	31.42	Jun. 5	33.33	Sep. 18	35.58	Dec. 4	33.25
Mar. 13	33.92	Jun. 12	31.25	Sep. 25	36.08	Dec. 11	32.42
Mar. 20	34.33	Jun. 19	32.66			Dec. 18	33.83
Mar. 27	31.33	Jun. 26	33.17			Dec. 25	34.00

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	33.33	Apr. 2	32.83	Jul. 2	32.17	Oct. 1	35.83
Jan. 8	33.36	Apr. 9	32.83	Jul. 9	31.92	Oct. 8	33.58
Jan. 19	33.58	Apr. 16	31.42	Jul. 16	32.33	Oct. 15	34.17
Jan. 22	33.83	Apr. 23	31.25	Jul. 23	33.83	Oct. 22	34.75
Jan. 29	34.42	Apr. 30	31.00	Jul. 30	33.33	Oct. 29	31.66
Feb. 5	34.08	May 7	29.75	Aug. 6	33.33	Nov. 5	32.0
Feb. 12	34.50	May 14	30.66	Aug. 13	32.83	Nov. 12	33.17
Feb. 19	34.58	May 21	28.25	Aug. 20	33.58	Nov. 24	37.00
Feb. 26	33.75	May 28	28.25	Aug. 27	32.66	Dec. 1	32.17
Mar. 5	33.17	Jun. 4	30.66	Sep. 3	32.25	Dec. 5	32.66
Mar. 12	33.83	Jun. 11	29.25	Sep. 10	32.50	Dec. 10	31.17
Mar. 19	33.66	Jun. 18	30.66	Sep. 17	33.17	Dec. 24	31.58
Mar. 26	33.25	Jun. 25	31.17	Sep. 24	34.17	Dec. 31	28.08

Perth County - cont

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 7	31.17	Apr. 1	31.66	Jul. 1	32.58	Oct. 7	35.83
Jan. 14	31.75	Apr. 8	30.25	Jul. 8	36.25	Oct. 14	36.00
Jan. 21	30.17	Apr. 15	29.08	Jul. 15	33.25	Oct. 21	34.83
Jan. 28	30.92	Apr. 22	25.92	Jul. 22	35.17	Oct. 28	34.17
Feb. 4	30.25	Apr. 29	30.00	Jul. 29	33.66	Nov. 4	35.08
Feb. 11	29.83	May 6	31.17	Aug. 5	32.92	Nov. 11	34.00
Feb. 18	32.17	May 13	31.75	Aug. 12	31.75	Nov. 18	33.83
Feb. 25	32.17	May 20	32.17	Aug. 19	33.42	Nov. 25	34.33
Mar. 4	31.66	May 27	31.08	Aug. 26	36.33	Dec. 2	33.33
Mar. 11	32.33	Jun. 3	31.83	Sep. 2	35.33	Dec. 9	32.66
Mar. 18	32.33	Jun. 10	33.08	Sep. 9	36.66	Dec. 16	33.75
Mar. 25	31.50	Jun. 17	29.58	Sep. 16	34.42	Dec. 23	32.50
		Jun. 24	31.17	Sep. 23	35.58	Dec. 30	31.33
				Sep. 30	34.42		

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 6	31.17	Apr. 7	34.17	Jul. 7	37.33	Oct. 6	38.66
Jan. 13	32.17	Apr. 21	31.92	Jul. 14	37.83	Oct. 13	37.75
Jan. 20	32.08	Apr. 28	33.25	Jul. 21	36.25	Oct. 20	38.66
Jan. 27	31.17	May 5	32.25	Jul. 28	37.42	Oct. 27	39.50
Feb. 3	33.83	May 12	32.66	Aug. 4	34.66	Nov. 3	37.83
Feb. 10	33.92	May 19	30.00	Aug. 11	35.33	Nov. 10	37.00
Feb. 17	33.50	May 26	31.83	Aug. 18	34.75	Nov. 17	36.91
Feb. 24	31.72	Jun. 2	34.42	Aug. 25	37.50	Nov. 24	37.83
Mar. 3	33.08	Jun. 9	33.83			Dec. 1	37.08
Mar. 10	34.00	Jun. 16	31.92			Dec. 8	38.17
Mar. 17	32.83	Jun. 23	35.50			Dec. 15	38.42
Mar. 24	32.92	Jun. 30	35.25			Dec. 22	37.50
Mar. 31	31.72					Dec. 29	36.08

Perth County

Observation Well No.: 44
 Observer: R.C.A.F. Personnel
 Location: Blanshard Township, West boundary concession, lot 11,
 property of Government of Canada, Department of National
 Defence
 Type: Drilled, gauge
 Depth: 37.5 feet
 Aquifer: Sand and gravel
 Recording method: Automatic recorder
 Records commenced: Oct. 7, 1952
 Measuring point: Top of shelter platform, 3 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	3.68	3.82	3.95	1.43	2.26	2.90	3.68	5.08	7.10	8.31	8.86	9.02
2	3.68	3.85	3.97	1.55	2.34	2.94	3.71	5.13	7.16	8.32	8.87	9.04
3	3.56	3.88	3.98	1.24	2.39	2.82	3.74	5.16	7.22	8.33	8.88	9.05
4	3.44	3.91	4.02	1.45	2.48	2.92	3.77	5.23	7.26	8.35	8.88	9.05
5	3.52	3.92	4.05	1.67	2.58	2.99	3.82	5.32	7.32	8.38	8.90	9.04
6	3.59	3.90	4.09	1.77	2.66	3.06	3.85	5.39	7.37	8.41	8.90	8.94
7	3.63	3.84	4.12	1.83	2.68	3.12	3.89	5.46	7.42	8.44	8.91	8.95
8	3.68	3.82	4.14	1.84	2.65	3.20	3.85	5.39	7.37	8.41	8.90	8.94
9	3.71	3.74	4.17	1.88	2.41	3.27	3.93	5.54	7.47	8.47	8.92	8.86
10	3.74	3.73	4.20	1.90	2.11	3.33	3.97	5.60	7.51	8.50	8.92	8.90
11	3.76	3.58	4.24	1.93	2.10	3.38	4.00	5.66	7.56	8.53	8.90	8.93
12	3.78	3.23	4.27	1.89	2.06	3.43	4.04	5.74	7.61	8.55	8.85	8.96
13	3.66	3.27	4.30	1.89	2.12	3.48	4.06	5.81	7.65	8.58	8.87	9.00
14	3.32	3.44	4.34	1.91	2.18	3.49	4.08	5.88	7.73	8.61	8.90	9.03
15	3.33	3.50	4.37	1.89	2.24	3.46	4.13	5.95	7.74	8.63	8.92	9.05
16	3.32	3.55	4.40	1.84	2.31	3.46	4.17	6.02	7.79	8.66	8.93	9.07
17	3.43	3.61	4.44	1.82	2.33	3.10	4.22	6.08	7.83	8.68	8.84	9.08
18	3.46	3.65	4.48	1.92	2.40	3.84	4.26	6.15	7.87	8.70	8.67	9.09
19	3.54	3.75	4.51	1.94	2.46	3.06	4.29	6.22	7.91	8.71	8.66	9.11
20	3.58	3.80	4.54	2.00	2.46	3.22	4.34	6.29	7.95	8.72	8.71	9.13
21	3.60	3.79	4.55	2.03	2.44	3.34	4.39	6.35	7.99	8.74	8.75	9.14
22	3.63	3.74	4.60	2.04	2.49	3.40	4.44	6.41	8.02	8.76	8.80	9.16
23	3.64	3.80	4.62	2.09	2.49	3.43	4.49	6.47	8.05	8.77	8.83	9.18
24	3.65	3.83	4.66	2.15	2.54	3.30	4.54	6.55	8.07	8.77	8.86	9.18
25	3.68	3.84	4.68	2.11	2.60	3.37	4.60	6.62	8.11	8.77	8.88	9.17
26	3.72	3.90	4.72	2.09	2.68	3.44	4.66	6.68	8.15	8.75	8.91	9.18
27	3.72	3.92	4.74	2.18	2.74	3.51	4.70	6.74	8.17	8.77	8.93	9.18
28	3.74	3.93	4.65	2.24	2.79	3.55	4.76	6.81	8.20	8.78	8.95	9.21
29	3.75	3.93	4.25	2.31	2.84	3.60	4.83	6.87	8.22	8.80	8.96	9.23
30	3.77	....	3.54	2.34	2.87	3.64	4.88	6.92	8.25	8.82	8.99	9.25
31	3.79	....	1.30	....	2.82	....	4.93	6.99	8.28	8.84	8.99	9.26
							5.00	7.05	....	8.86	....	9.29

Perth County - cont.

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	9.31	9.66	5.63	6.01	4.74	4.74	6.21	7.43	8.44	9.01	8.80	7.79
2	9.33	9.67	5.79	6.05	4.55	4.76	6.23	7.47	8.44	9.04	8.84	7.94
3	9.33	9.69	5.91	6.09	4.32	4.81	6.24	7.53	8.45	9.05	8.87	7.88
4	9.33	9.71	6.01	6.09	4.25	4.86	6.29	7.58	8.47	9.07	8.88	7.89
5	9.37	9.73	6.05	6.08	4.37	4.93	6.35	7.64	8.48	9.09	8.90	7.74
6	9.38	9.74	6.05	5.85	4.40	5.00	6.41	7.66	8.51	9.11	8.93	7.38
7	9.40	9.75	5.75	5.40	3.96	5.05	6.46	7.68	8.55	9.12	8.96	7.20
8	9.42	9.76	5.79	5.46	3.98	5.06	6.52	7.74	8.58	9.14	8.99	7.16
9	9.42	9.77	5.92	5.52	3.98	5.11	6.58	7.70	8.61	9.16	9.01	7.17
10	9.42	9.79	6.01	5.54	3.70	5.17	6.64	7.84	8.65	9.18	9.03	7.19
11	9.42	9.80	6.13	5.53	3.90	5.23	6.69	7.89	8.68	9.19	9.05	7.20
12	9.42	9.82	6.22	5.57	4.04	5.28	6.75	7.93	8.68	9.21	9.07	7.19
13	9.44	9.83	6.18	5.64	4.16	5.26	6.79	7.98	8.69	9.22	9.08	7.09
14	9.45	9.84	6.08	5.71	4.23	5.28	6.81	8.03	8.71	9.23	9.08	6.93
15	9.46	9.85	5.86	5.74	4.26	5.33	6.84	8.06	8.73	9.24	9.00	6.96
16	9.48	9.86	5.65	5.74	4.30	5.40	6.88	8.10	8.76	9.26	8.94	7.00
17	9.49	9.86	5.79	4.95	4.32	5.46	6.91	8.14	8.79	9.27	8.68	7.04
18	9.50	9.86	5.90	4.49	4.33	5.53	6.93	8.18	8.82	9.28	8.48	7.09
19	9.52	9.72	6.02	4.55	4.34	5.58	6.97	8.22	8.86	9.30	8.39	7.14
20	9.53	9.46	6.07	4.67	4.35	5.58	7.02	8.25	8.88	9.31	8.30	7.19
21	9.53	9.28	6.07	4.77	4.38	5.63	7.07	8.28	8.91	9.33	8.26	7.22
22	9.54	9.14	6.08	4.86	4.41	5.69	7.12	8.31	8.94	9.34	8.26	7.27
23	9.55	8.96	5.79	4.95	4.45	5.74	7.16	8.35	8.97	9.35	8.23	7.30
24	9.57	7.00	5.59	4.97	4.49	5.80	7.18	8.36	8.98	9.37	8.06	7.36
25	9.59	4.90	5.50	4.93	4.51	5.86	7.14	8.35	8.98	9.38	7.80	7.40
26	9.60	4.84	5.53	4.69	4.52	5.92	7.08	8.37	8.98	9.38	7.66	7.41
27	9.60	5.17	5.60	4.45	4.54	6.00	7.16	8.40	8.95	9.34	7.67	7.44
28	9.61	5.42	5.68	4.54	4.59	6.06	7.21	8.40	8.94	9.31	7.64	7.48
29	9.62	....	5.79	4.65	4.65	6.12	7.27	8.41	8.96	9.30	7.67	7.54
30	9.64	....	5.89	4.74	4.68	6.17	7.33	8.43	8.99	9.27	7.76	7.59
31	9.65	....	5.96	....	4.72	....	7.39	8.42	....	8.99	....	7.63

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	....	7.46	7.80	3.02	3.25	4.76	6.38	7.84	8.54	9.22	8.39	7.71
2	7.68	7.45	7.69	3.09	3.34	4.82	6.44	7.89	8.57	....	8.27	7.76
3	7.70	7.46	7.59	3.13	3.35	4.89	6.50	7.94	8.60	....	8.27	7.80
4	7.74	7.50	7.52	3.14	3.38	4.94	6.57	7.94	8.65	....	8.31	7.85
5	7.76	7.50	7.49	3.14	3.43	4.98	6.64	8.00	8.68	....	8.37	7.88
6	7.76	7.40	7.56	3.11	3.46	5.05	6.70	8.03	8.70	....	8.42	7.88
7	....	7.28	7.67	3.06	3.52	5.13	6.76	7.82	8.73	....	8.47	5.71
8	....	7.18	7.76	3.04	3.55	5.21	6.81	7.68	8.77	....	8.51	6.16
9	....	7.12	7.82	3.03	3.58	5.28	6.87	7.68	8.80	9.30	8.55	6.08
10	7.42	7.22	7.89	3.02	3.62	5.33	6.92	7.59	8.82	9.31	8.55	6.30
11	7.41	7.36	7.92	3.04	3.67	5.36	6.98	7.65	8.84	9.32	8.52	6.47
12	7.38	7.49	7.92	3.08	3.71	5.38	7.04	7.71	8.86	9.32	8.50	6.65
13	7.34	7.56	7.44	3.12	3.75	5.42	7.10	7.75	8.89	9.34	8.58	6.72
14	7.32	7.65	7.79	3.14	3.80	5.44	7.15	7.80	8.92	9.35	6.18	6.80
15	7.32	7.72	6.15	3.21	3.84	5.49	7.21	7.84	8.84	9.37	6.40	6.80
16	7.32	7.78	5.62	3.22	3.88	5.57	7.27	7.89	8.97	9.38	6.57	6.82
17	7.33	7.84	5.30	3.23	3.92	5.64	7.33	7.94	....	9.39	6.72	6.84
18	7.35	7.89	5.05	3.26	3.97	5.70	7.39	7.98	9.02	9.40	6.86	6.84
19	7.37	7.95	4.69	3.29	4.01	5.70	7.44	8.03	9.04	9.41	6.97	6.78
20	7.40	7.99	4.39	3.33	4.06	5.75	7.48	8.07	9.06	9.42	7.06	6.75
21	7.41	8.02	4.17	3.36	4.12	5.81	7.50	8.11	9.08	9.47	7.12	6.75
22	7.44	8.06	3.88	3.38	4.17	5.86	7.54	8.15	9.10	9.43	7.21	6.75
23	7.46	8.08	3.19	3.42	4.22	5.91	7.54	8.20	9.12	9.38	7.28	6.86
24	7.46	8.13	2.76	3.45	4.28	5.97	7.54	8.24	9.13	9.22	7.36	6.98
25	7.44	8.15	2.91	3.48	4.35	6.02	7.58	8.28	9.15	9.12	7.42	6.98
26	7.46	8.16	2.94	3.54	4.43	6.07	7.59	8.32	9.17	9.05	7.46	7.05
27	7.45	8.10	2.78	3.57	4.49	6.13	7.63	8.36	9.18	8.98	7.51	7.09
28	7.38	7.94	2.78	3.63	4.56	6.19	7.66	8.39	9.18	8.92	7.56	7.12
29	7.30	....	2.76	3.72	4.63	6.25	7.70	8.43	9.19	8.77	7.61	7.14
30	7.38	....	2.85	3.78	4.69	6.32	7.74	8.47	9.20	8.66	7.66	7.14
31	....	....	2.94	....	4.73	....	7.80	8.51	....	8.63	....	7.15

Perth County - cont*

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	7.15	7.11	8.61	....	3.20	4.11	6.13	7.64	8.77	9.34	....	9.62
2	7.15	7.76	8.65	2.75	3.24	4.16	6.20	7.68	8.80	9.35	....	9.64
3	7.13	7.83	8.68	2.77	3.28	4.32	6.28	7.72	8.81	9.37	....	9.67
4	7.16	7.88	8.70	2.85	3.31	4.37	6.35	7.77	8.83	9.38	....	9.70
5	7.19	7.91	8.72	2.86	3.34	4.42	6.43	7.82	8.86	9.40	9.71	9.72
6	7.21	7.94	8.72	2.83	3.38	4.49	6.50	7.86	8.88	9.41	9.73	9.73
7	7.24	7.98	8.66	2.85	3.42	4.54	6.57	7.89	8.91	9.43	9.74	9.75
8	7.28	....	8.58	2.87	3.46	4.60	6.64	7.93	8.93	9.44	9.76	9.76
9	7.31	....	8.48	2.93	3.51	4.63	6.68	7.97	8.96	9.45	9.78	9.78
10	7.35	....	8.46	2.95	3.51	4.63	6.74	8.01	8.99	9.47	9.79	9.79
11	7.38	....	8.44	2.98	3.54	4.63	6.81	8.05	9.02	9.48	9.80	9.68
12	7.40	....	8.42	3.02	3.41	4.63	6.87	8.09	9.03	9.50	9.80	9.69
13	7.42	8.26	8.38	3.05	3.45	4.70	6.93	8.12	8.99	9.51	9.80	9.74
14	7.46	8.29	8.31	3.10	3.52	4.78	6.96	8.16	8.99	9.53	9.75	9.71
15	7.49	8.32	8.22	3.14	3.58	4.85	7.00	8.19	9.02	9.54	9.73	9.72
16	7.54	8.34	8.13	3.18	3.62	4.94	....	8.23	9.04	9.55	9.73	9.73
17	7.58	8.38	8.00	3.20	3.66	5.03	7.03	8.26	9.06	9.56	9.75	9.73
18	7.61	8.42	7.42	3.08	3.66	5.12	7.09	8.29	9.09	9.57	9.75	9.73
19	7.64	8.46	6.84	3.08	3.48	5.21	7.12	8.33	9.11	9.59	9.68	9.74
20	7.66	8.46	6.39	2.66	3.56	5.29	7.12	8.36	9.12	9.60	9.65	9.74
21	7.63	8.48	6.02	2.80	3.58	5.38	7.12	8.40	9.14	9.62	9.62	9.75
22	7.52	8.49	5.72	2.89	3.64	5.47	7.16	8.45	9.15	9.63	9.58	9.76
23	7.47	8.49	5.44	2.92	3.69	5.56	7.19	8.49	9.17	9.66	9.54	9.76
24	7.45	8.51	5.15	2.99	3.74	5.64	7.24	8.53	9.20	9.67	9.50	9.74
25	7.45	8.54	4.42	3.04	3.78	5.71	7.30	8.57	9.22	9.69	9.48	9.72
26	7.44	8.52	....	3.09	3.83	5.80	7.36	8.61	9.24	9.71	9.49	9.72
27	7.44	8.55	....	3.14	3.88	5.88	7.42	8.63	9.26	9.72	9.52	9.72
28	7.47	8.58	....	3.19	3.90	5.94	7.47	8.66	9.28	9.73	9.54	9.72
29	7.56	....	....	3.22	3.95	6.00	7.51	8.68	9.30	....	9.56	9.72
30	7.60	....	....	3.22	4.00	6.06	7.55	8.71	9.32	....	9.59	9.72
31	7.66	....	....	....	4.05	....	7.60	8.73	....	....	....	9.73

Perth County

Observation Well No.: 51
 Observer: A. Morris, M. Selves
 Location: Fullarton township; Mitchell Road East, lot 16, property
 of Upper Thames Valley Conservation Authority
 Type: Dug, abandoned
 Depth: 18 feet
 Aquifer: Sand and gravel
 Recording method: Automatic recorder
 Records commenced: Nov. 2, 1957
 Measuring point: Elevation 1096.60 feet above sea level; 0 feet above
 land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	5.37	5.84	6.01	2.73	4.64	5.84	6.14	6.58	7.42	8.74	9.59	....
2	5.38	5.86	6.02	2.41	4.76	5.87	6.17	6.59	7.46	8.76	9.60	....
3	....	5.88	6.00	1.54	4.91	5.72	6.19	6.59	7.50	8.79	9.62	....
4	5.34	5.88	6.03	2.40	5.05	5.82	6.20	6.60	7.54	8.83	9.64	....
5	5.45	5.85	6.08	3.11	5.17	5.92	6.23	6.63	7.64	8.84	9.65	8.65
6	5.50	5.81	6.10	3.32	5.27	5.97	6.25	6.65	7.68	8.87	9.66	8.49
7	5.53	5.49	6.11	3.39	5.39	6.02	6.26	6.65	7.72	8.90	9.70	8.39
8	5.67	5.48	6.12	3.37	5.42	6.06	6.27	6.68	7.76	8.94	9.71	8.27
9	5.70	5.54	6.13	3.60	4.89	6.09	6.28	6.70	7.80	8.97	9.70	8.19
10	5.74	5.54	6.15	3.77	4.92	6.10	6.29	6.72	7.85	9.00	9.70	8.05
11	5.77	5.02	6.16	3.75	4.87	6.11	6.32	6.74	7.88	9.03	9.70	7.96
12	5.77	4.78	6.17	2.86	3.69	6.14	6.32	6.76	7.91	9.07	9.70	7.90
13	5.37	4.89	6.18	3.42	3.93	....	6.32	6.78	7.95	9.10	9.70	7.88
14	5.29	5.01	6.18	3.86	4.11	....	6.34	6.81	8.01	9.13	9.70	7.85
15	....	5.18	6.19	3.83	4.26	....	6.35	6.85	8.07	9.17	9.70	7.78
16	....	5.28	6.19	3.83	4.42	....	6.36	6.89	8.13	9.20	9.51	7.76
17	....	5.38	6.17	3.80	4.56	....	6.37	6.91	8.18	9.26	9.66	7.72
18	5.45	5.45	6.19	4.02	4.75	5.57	6.39	6.94	8.21	9.29	9.80	7.72
19	5.58	5.55	6.21	4.16	4.87	5.78	6.40	6.96	8.26	9.31	9.68	7.71
20	5.62	5.63	6.23	4.26	4.88	5.78	6.42	6.98	8.30	9.35	9.58	7.70
21	5.67	5.63	6.23	4.33	4.90	5.83	6.42	7.00	8.35	9.39	9.51	7.70
22	5.73	5.71	6.23	4.42	5.07	5.91	6.43	7.06	8.38	9.41	9.46	7.71
23	5.76	5.76	6.23	4.52	5.17	5.95	6.44	7.09	8.42	9.44	9.39	7.74
24	5.78	5.80	6.23	4.52	5.31	5.40	6.46	7.13	8.45	9.46	9.34	7.76
25	5.78	5.75	6.24	4.30	5.42	5.65	6.48	7.16	8.49	9.46	9.32	7.81
26	5.82	5.80	6.24	4.42	5.50	5.80	6.48	7.20	8.53	9.48	9.30	7.83
27	5.85	5.88	6.25	4.57	5.58	5.95	6.50	7.23	8.59	9.50	9.30	7.90
28	5.87	5.91	6.17	....	5.67	6.01	6.50	7.27	8.63	9.51	9.30	7.94
29	5.90	5.96	4.85	....	5.74	6.07	6.51	7.31	8.66	9.54	9.30	7.95
30	5.90	....	3.68	....	5.79	6.11	6.52	7.35	8.69	9.56	9.32	7.97
31	5.90	....	2.22	....	5.79	....	6.55	7.38	....	9.58	....	8.00

Perth County - cont

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	8.05	8.92	3.76	4.07	3.89	5.77	6.24	6.17	.....	.....	7.13	5.30
2	8.07	8.93	3.84	4.15	3.78	5.83	6.24	6.20	.....	.....	6.93	5.40
3	8.10	8.93	3.50	4.31	3.56	5.89	6.23	6.23	.....	.....	6.76	5.45
4	8.11	9.01	3.75	4.37	3.70	5.91	6.23	6.25	.....	.....	6.64	5.45
5	8.14	9.04	3.76	4.39	3.88	5.95	6.25	6.26	.....	.....	6.60	4.80
6	8.19	9.05	3.72	4.38	3.94	5.98	6.26	6.27	.....	.....	6.57	4.04
7	8.21	9.08	3.50	3.47	3.85	5.99	6.26	6.27	.....	.....	6.49	4.23
8	8.26	9.08	3.64	3.64	3.62	5.99	6.27	6.29	.....	.....	6.46	4.37
9	8.32	9.08	3.92	3.75	3.66	5.97	6.29	6.31	.....	.....	6.45	4.40
10	8.34	9.10	4.11	3.84	3.61	6.01	6.30	6.32	.....	.....	6.46	4.51
11	8.39	9.13	4.21	3.84	3.82	6.05	6.30	6.34	.....	.....	6.47	4.52
12	8.43	9.15	4.30	3.89	3.99	6.06	6.31	6.35	.....	.....	6.49	4.50
13	8.45	9.15	4.26	4.03	4.17	5.91	6.32	6.37	.....	.....	6.51	4.13
14	8.47	9.18	4.16	4.15	4.31	5.99	6.31	6.41	.....	.....	6.51	4.36
15	8.49	9.21	3.92	4.20	4.38	6.05	6.25	6.41	.....	.....	6.25	4.52
16	8.52	9.24	3.87	4.20	4.60	6.10	6.25	6.43	.....	.....	6.49	4.57
17	8.54	9.25	4.05	3.33	4.69	6.13	6.23	6.46	.....	.....	6.03	4.68
18	8.58	9.26	4.13	3.28	4.77	6.14	6.00	6.47	.....	.....	5.40	4.80
19	8.63	8.90	4.21	2.86	4.90	6.16	6.04	6.48	.....	.....	5.44	4.88
20	8.70	5.33	4.20	2.20	4.98	6.17	6.07	6.50	.....	.....	5.57	5.00
21	8.72	5.50	3.94	2.44	5.10	6.19	6.12	6.52	.....	.....	5.65	5.05
22	8.76	5.55	3.97	3.56	5.20	6.20	6.15	.....	.....	.....	5.65	5.09
23	8.77	4.60	3.73	3.65	5.31	6.21	6.17	6.56	.....	7.89	5.60	5.10
24	8.78	.....	3.66	.....	5.36	6.23	6.17	6.58	.....	7.94	4.28	5.17
25	8.80	2.60	3.55	.....	5.47	6.25	5.82	6.59	.....	7.96	4.54	5.23
26	8.82	3.34	3.54	.....	5.51	6.27	5.95	6.60	.....	7.98	4.67	5.25
27	8.84	3.56	3.57	.....	5.55	6.27	6.02	6.63	.....	8.03	4.89	5.32
28	8.85	3.68	3.68	3.60	5.60	6.25	6.05	6.65	.....	8.04	4.98	5.35
29	8.87	.....	3.81	3.76	5.70	6.24	6.06	.....	.....	8.05	5.12	5.42
30	8.89	.....	3.93	3.88	5.74	6.24	6.10	.....	.....	8.02	5.24	5.46
31	8.91	.....	3.97	.....	5.77	.....	6.14	.....	.....	7.52	.....	5.50

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	5.51	5.94	5.81	3.32	5.16	6.22	6.54	7.45	8.57	9.66	9.77	6.03
2	5.51	5.97	5.83	3.55	5.15	6.23	6.56	7.50	8.62	9.74	9.47	6.05
3	5.55	5.96	5.83	3.68	5.23	6.25	6.57	7.54	8.66	9.77	9.37	6.05
4	5.67	5.97	5.84	3.76	.....	6.26	6.57	7.57	8.70	9.80	9.45	6.04
5	5.67	5.89	5.88	3.89	.....	6.26	6.59	7.62	8.74	9.82	9.33	6.01
6	5.63	5.49	5.94	3.92	.....	6.28	6.61	7.62	8.79	9.85	9.25	6.01
7	5.46	5.53	5.98	3.85	5.40	6.29	6.62	7.64	8.83	9.88	9.16	.....
8	5.57	5.64	5.99	3.82	5.45	6.31	6.62	7.66	8.87	9.93	9.07	.....
9	5.67	5.72	6.01	3.72	5.51	6.32	6.65	7.69	8.91	9.96	9.01	.....
10	5.71	5.79	6.05	3.72	5.54	6.32	6.67	7.73	8.96	10.00	8.93	.....
11	5.71	5.84	6.05	3.87	5.62	6.32	6.69	7.76	9.00	10.02	5.73	.....
12	5.71	5.92	6.03	3.96	5.68	6.32	6.71	7.77	9.02	10.06	5.37	.....
13	5.76	5.94	2.70	4.03	5.71	6.33	6.73	7.80	9.04	10.09	5.41	.....
14	5.76	5.97	3.28	4.01	5.79	6.32	6.79	7.84	9.06	10.13	5.53	.....
15	5.77	6.03	3.43	4.04	5.85	6.33	6.85	7.88	9.08	10.16	5.58	.....
16	5.80	6.02	3.78	4.15	5.90	6.34	6.89	7.90	9.09	10.18	5.65	.....
17	5.84	6.10	4.05	4.23	5.93	6.35	6.93	7.94	9.11	10.21	5.73	.....
18	5.84	6.11	4.11	4.32	5.95	6.37	6.96	7.99	9.14	10.24	5.81	.....
19	5.84	6.08	3.90	4.42	5.97	6.37	7.01	8.02	9.18	10.27	5.84	.....
20	5.85	.....	3.71	4.52	5.99	6.39	7.03	8.04	9.22	10.28	5.83	.....
21	5.85	.....	3.65	4.57	6.03	6.40	7.05	8.10	9.27	10.30	5.86	.....
22	5.85	.....	3.43	4.63	6.06	6.41	7.09	8.15	9.31	10.30	5.89	.....
23	5.91	.....	2.56	4.70	6.06	6.42	7.11	8.19	9.35	10.25	5.95	.....
24	5.91	.....	2.56	4.74	6.09	6.43	7.15	8.24	9.38	10.24	6.02	.....
25	5.95	.....	2.74	4.83	6.12	6.45	.....	8.28	9.42	10.23	6.05	.....
26	5.95	6.10	2.54	4.91	6.15	6.47	7.21	8.32	9.46	10.20	6.07	.....
27	5.84	5.97	2.37	4.95	6.16	6.48	7.25	8.35	9.49	10.16	6.07	.....
28	5.80	5.76	2.30	5.07	6.17	6.49	7.29	8.40	9.51	10.11	6.06	.....
29	5.78	.....	1.83	5.17	6.19	6.50	7.34	8.44	9.55	10.04	6.05	.....
30	5.84	.....	2.42	5.27	6.20	6.51	7.37	8.49	9.58	9.94	6.05	.....
31	5.87	.....	3.01	.....	6.20	.....	7.41	8.52	.....	9.84	.....	.....

Perth County - cont.

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	3.52	4.85	....	6.38	7.02	8.35	9.66	10.62	10.53
2	3.65	4.85	....	6.40	7.06	8.43	9.65	10.65	10.53
3	3.75	4.90	....	6.41	7.09	8.47	9.72	10.67	10.52
4	3.92	....	6.01	6.42	7.13	8.53	9.76	10.69	10.52
5	4.01	....	6.03	6.44	7.18	8.58	9.80	10.71	10.52
6	4.08	5.09	6.07	6.45	7.22	8.62	9.83	10.72	10.53
7	4.20	5.14	6.09	6.47	7.26	8.67	9.86	10.73	10.53
8	4.28	5.22	6.10	6.49	7.30	8.72	9.89	10.74	10.54
9	4.40	5.32	6.10	6.51	7.33	8.78	9.93	10.77	10.54
10	4.50	5.33	6.08	6.53	7.38	8.83	9.96	10.79	10.55
11	4.62	4.96	6.05	6.56	7.42	8.87	10.00	10.85	10.55
12	4.71	5.05	6.09	6.59	7.45	8.91	10.04	10.86	10.54
13	4.80	5.09	....	6.60	7.46	8.96	10.08	10.88	10.52
14	4.90	5.22	....	6.60	7.51	....	10.12	10.89	10.52
15	4.97	5.32	....	6.62	7.59	....	10.16	10.90	10.52
16	5.03	5.38	6.18	6.64	7.63	9.13	10.20	10.90	10.53
17	5.05	5.41	6.20	6.68	7.67	9.17	10.23	10.90	10.54
18	5.06	5.40	6.22	6.70	7.72	9.20	10.26	10.90	10.54
19	5.05	5.25	6.23	6.70	6.75	9.23	10.30	10.89	....
20	3.78	5.29	6.24	6.70	6.79	9.26	10.33	10.89	....
21	4.02	5.34	6.26	6.72	6.84	9.29	10.37	10.87	....
22	4.15	5.43	6.27	6.75	6.88	9.34	10.40	10.85	....
23	4.28	5.49	6.29	6.77	6.92	9.40	10.42	10.81	....
24	4.38	5.54	6.31	6.81	7.98	9.44	10.44	10.77	....
25	4.47	5.59	6.32	6.84	8.04	9.47	10.47	10.74	....
26	4.57	5.65	6.31	6.80	8.09	9.51	10.49	10.70	....
27	4.68	5.70	6.32	6.88	8.13	9.54	10.52	10.65	....
28	2.32	4.77	5.74	6.32	6.90	8.16	9.57	10.54	10.62	....
29	2.45	4.80	5.81	6.35	6.92	8.20	9.59	10.57	10.58	....
30	2.96	4.84	5.87	6.36	6.96	8.25	9.62	10.60	10.55	....
31	3.36	....	5.92	....	6.99	8.30	....	10.62	....	....

Perth County

Observation Well No.: 108
 Observer: Upper Thames Valley Conservation Authority Personnel
 Location: Downie township, con XIV, lot 1, property of Upper Thames Valley Conservation Authority
 Type: Drilled, gauge
 Depth: 75.5 feet
 Aquifer: Rock
 Recording method: Automatic recorder
 Records commenced: Jun. 20, 1963
 Measuring point: Top side of recorder base 3.5 feet above land surface

Daily lowest water level from land surface

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	5.30	12.10	14.58	14.98	14.00	13.51
2	7.76	11.60	14.67	14.95	13.68	13.67
3	7.83	11.75	14.71	14.92	13.68	13.80
4	7.79	12.12	14.65	14.91	13.70	13.48
5	5.39	....	14.73	14.93	13.80	12.97
6	5.38	....	14.87	14.93	13.82	13.53
7	5.35	....	14.90	14.90	13.81	13.60
8	7.72	12.60	14.91	14.82	13.88	13.18
9	8.65	13.00	14.92	14.81	13.82	13.50
10	8.05	13.27	14.97	14.97	13.82	13.75
11	10.30	13.32	14.98	14.82	13.85	13.88
12	9.00	13.18	14.98	14.82	13.88	13.92
13	8.34	13.50	14.92	14.80	13.92	14.00
14	5.50	13.75	14.98	14.83	13.85	14.10
15	10.00	13.85	15.00	14.84	13.21	14.18
16	10.35	13.92	14.98	14.82	12.60	14.20
17	10.40	13.85	14.85	14.78	12.42	13.73
18	8.95	13.85	14.90	14.65	12.22	13.92
19	10.00	13.85	14.90	14.55	12.80	14.00
20	5.30	9.19	13.95	14.81	14.50	12.60	14.02
21	5.34	9.20	14.08	14.85	14.53	12.40	14.05
22	5.38	9.15	14.25	14.92	14.55	12.25	14.02
23	5.40	9.10	14.32	14.97	13.81	12.70	13.92
24	5.42	9.98	14.40	14.97	13.65	12.73	13.91
25	5.44	10.65	14.52	14.95	13.62	12.10	13.91
26	5.48	11.20	14.53	14.97	13.60	12.40	13.90
27	6.58	9.85	14.58	14.92	13.70	12.28	13.88
28	5.35	10.05	14.60	14.88	13.77	12.60	....
29	5.20	10.85	14.65	14.83	13.87	13.38	....
30	5.26	11.35	14.60	14.98	13.92	13.30	....
31	12.50	14.56	....	13.98	....	....

Waterloo County

Observation Well No.: 32
 Observer: Elmira Public Utilities Commission Personnel
 Location: Town of Elmira, property of Elmira Public Utilities Commission
 Type: Drilled, municipal
 Depth: 118 feet
 Aquifer: Sand and gravel
 Recording method: Manually, by tape
 Records commenced: Nov. 30, 1946
 Measuring point: Top of nipple 1.16 feet above land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	24.42	Apr. 3	29.74	Aug. 1	19.62		
Jan. 31	28.01	May 2	19.89	Oct. 1	21.52		
Mar. 7	28.59	May 29	19.35				

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 12	23.64	Apr. 1	23.80	Jul. 2	22.69	Oct. 1	22.69
		Apr. 30	22.04	Aug. 1	22.27	Nov. 1	23.24
		Jun. 5	21.88	Sep. 3	22.22	Dec. 3	23.89

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	24.45	Apr. 2	23.26	Jul. 1	23.13	Oct. 28	24.72
Feb. 4	24.60	May 1	23.89	Aug. 1	23.41	Dec. 2	24.86
		May 10	22.89	Sep. 1	24.10	Dec. 30	24.99

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 3	25.92	Jun. 2	25.10	Aug. 4	25.25	Dec. 1	27.67
		Jul. 1	25.79	Sep. 1	26.93		

Waterloo County

Observation Well No. 33
Observer: Elmira Public Utilities Commission Personnel
Location: Town of Elmira, property of Elmira Public Utilities Commission.
Type: Drilled, municipal
Depth: 59 feet
Aquifer: Sand and gravel
Recording method: (Manually by tape
(Automatic recorder installed Aug. 18, 1960.
Nov. 30, 1946
Records commenced:
Measuring point: Airline opening at base of pump 0.3 feet above land surface

Distances of water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	15.23	.....	.....	.....	.....	.....	.....	9.42	17.82	22.02	21.15	22.23
2	7.97	.....	.....	.....	18.17	19.00	21.35	22.30
3	8.56	.....	.....	.....	.....	18.22	21.92	21.48	22.35
4	17.10	19.85	21.08	21.22
5	15.92	20.85	21.95	21.95
6	17.45	21.42	20.28	22.35
7	12.03	.....	.....	.....	.....	.....	18.22	21.78	20.82	22.15
8	18.88	21.82	20.82	22.18
9	19.20	20.22	20.62	22.32
10	18.71	19.00	20.80	22.42
11	18.70	19.35	20.28	21.30
12	18.70	20.42	18.95	22.20
13	19.48	20.68	18.45	22.60
14	19.74	20.51	19.70	22.72
15	19.98	19.70	20.55	22.98
16	20.05	18.98	21.10	23.20
17	20.18	19.98	21.45	23.30
18	14.81	18.62	20.20	21.18	22.25
19	15.32	19.42	20.25	21.10	22.70
20	15.34	20.22	20.47	19.33	23.00
21	14.35	20.62	20.53	20.40	23.41
22	15.16	20.65	21.00	21.18	23.45
23	16.36	20.73	19.90	21.72	23.80
24	16.70	20.75	20.40	21.85	23.85
25	16.88	19.98	20.85	22.02	21.82
26	17.22	20.00	20.56	21.60	22.60
27	15.95	20.67	20.65	20.30	22.60
28	16.65	21.10	21.05	20.88	19.42
29	9.94	.....	.....	16.78	21.22	21.11	21.65	19.10
30	17.22	21.75	19.25	22.25	20.00
31	15.27	.....	.....	.....	.....	.....	.....	17.53	.....	20.25	.....	21.30

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	22.38	23.91	22.85	20.12	20.50	.....	23.35	17.50	19.52	20.10	22.72	24.62
2	22.75	24.16	23.08	20.99	20.33	.....	21.50	19.00	19.05	20.65	22.80	24.65
3	21.08	24.52	23.28	20.70	20.76	.....	20.15	16.70	16.00	21.42	22.92	23.49
4	22.12	24.55	22.90	20.62	21.06	.....	21.05	16.30	16.65	21.30	22.75	23.62
5	22.65	22.91	21.50	20.98	21.36	21.30	21.40	16.50	18.00	22.18	22.91	24.12
6	22.90	23.42	22.25	21.34	21.07	21.52	22.00	16.85	19.20	22.50	22.62	23.95
7	22.35	23.82	22.44	21.65	21.08	21.65	22.15	16.90	19.95	22.50	23.92	23.90
8	21.65	23.92	22.38	21.24	21.33	21.80	21.95	17.32	20.50	20.00	23.20	24.00
9	22.78	24.35	22.70	20.18	21.00	21.95	20.30	16.50	20.15	18.95	23.55	24.02
10	23.10	24.65	22.88	20.36	.....	22.20	20.95	16.90	17.70	20.35	23.80	22.72
11	.....	24.67	22.36	20.66	.....	20.65	21.82	17.05	19.40	21.20	23.90	23.30
12	.....	23.10	21.18	20.86	.....	20.90	21.90	17.20	20.00	21.88	22.32	23.85
13	23.14	23.50	21.62	20.93	.....	21.75	22.22	17.70	20.60	22.17	22.92	24.00
14	23.13	23.55	21.90	21.40	.....	22.30	22.50	17.80	20.80	21.20	23.35	24.12
15	22.91	23.59	22.10	21.00	.....	21.90	22.35	17.70	21.65	20.15	23.60	24.48
16	22.52	23.59	22.34	20.40	.....	22.20	19.90	17.30	21.55	21.12	23.80	24.50
17	22.94	23.85	22.62	20.36	.....	22.25	20.92	17.70	19.05	21.80	24.05	23.40
18	23.32	23.73	22.28	20.80	.....	20.50	21.60	18.30	19.75	22.30	23.90	23.70
19	23.30	22.75	20.92	20.85	.....	21.50	22.02	17.85	20.80	22.72	22.80	23.85
20	23.28	23.15	21.03	21.20	.....	20.88	22.30	17.05	21.53	22.72	23.20	23.95
21	23.38	23.25	21.36	21.50	.....	22.45	22.45	17.50	21.92	22.32	23.67	24.12
22	21.95	23.10	21.46	21.05	.....	22.55	22.30	18.35	22.22	22.35	23.98	24.10
23	23.67	23.30	21.54	20.03	.....	22.85	19.40	18.75	22.30	21.55	24.15	23.20
24	23.16	23.61	21.65	20.38	.....	22.88	20.75	19.10	20.40	21.98	24.50	22.55
25	23.08	23.17	21.38	20.40	.....	21.65	21.15	19.30	20.50	22.30	24.60	21.35
26	23.03	21.08	19.72	20.70	.....	22.00	21.20	18.55	21.35	22.60	23.80	22.35
27	23.10	22.23	19.90	20.90	.....	22.45	20.65	17.05	21.85	22.82	23.85	22.90
28	23.27	22.64	20.56	20.96	.....	22.80	19.65	17.90	22.30	22.85	24.35	23.72
29	22.35	.....	20.90	20.32	.....	23.00	18.70	18.55	22.45	21.60	24.45	23.72
30	22.99	.....	21.42	20.86	.....	23.30	18.05	19.91	22.24	21.88	24.50	23.50
31	23.43	.....	20.96	.....	.....	.....	17.80	19.20	.....	22.52	.....	22.12

Waterloo County - cont.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	20.80	24.50	24.20	19.52	20.00	21.60	19.90	20.30	22.70	23.35	25.35	25.95
2	22.20	24.65	24.30	20.55	20.38	21.10	18.35	19.60	22.00	23.70	25.65	25.20
3	22.88	24.67	23.80	21.00	20.95	19.35	20.35	17.70	21.00	23.80	25.65	25.40
4	23.00	23.05	22.57	21.25	21.20	19.88	21.30	17.15	21.92	23.80	24.75	25.60
5	23.20	23.30	23.20	21.45	21.00	20.30	21.95	16.35	22.70	24.10	24.90	25.70
6	23.30	23.80	23.60	21.28	18.70	20.50	22.30	16.32	23.00	24.20	25.25	25.65
7	22.30	24.10	24.08	20.20	19.70	20.90	21.35	16.10	23.25	23.40	25.40	26.00
8	22.80	24.38	24.35	19.10	21.45	21.50	20.92	16.10	23.30	22.70	25.65	26.05
9	23.30	24.72	24.60	20.00	20.55	21.95	21.35	18.40	22.35	22.30	25.80	25.30
10	23.47	24.75	24.40	20.85	20.90	21.30	21.95	17.55	22.75	22.70	25.60	25.55
11	23.60	23.05	23.00	21.15	21.20	21.45	22.30	16.45	23.10	23.00	24.50	26.15
12	23.80	23.50	23.41	21.20	21.40	21.25	22.55	16.28	23.40	23.30	23.80	26.30
13	23.64	24.07	23.70	21.05	19.10	21.35	22.90	16.30	23.70	23.35	24.10	26.20
14	22.65	24.42	23.90	21.10	20.30	21.35	22.90	18.10	24.10	22.60	24.65	26.15
15	23.05	24.70	24.12	19.38	20.05	21.45	21.90	18.80	24.30	23.30	24.85	26.10
16	23.40	25.00	24.28	20.20	21.60	20.80	22.70	19.90	24.10	23.85	25.20	24.90
17	23.45	24.80	23.80	20.68	22.10	19.60	22.90	20.55	24.08	24.10	25.35	24.75
18	23.55	23.30	22.60	20.92	22.15	20.40	23.05	20.35	24.40	24.20	23.90	25.10
19	23.75	23.73	23.08	21.25	22.60	20.70	23.20	19.05	24.40	24.45	24.25	25.30
20	23.90	23.92	23.20	18.95	19.90	20.90	23.20	19.52	24.20	24.25	24.60	25.60
21	22.30	23.88	23.15	18.25	18.95	20.95	23.25	20.80	24.50	23.10	25.10	25.70
22	23.00	23.75	23.30	17.50	20.40	21.10	22.37	21.40	24.70	23.45	25.40	26.15
23	23.45	23.80	23.35	19.35	21.00	21.05	22.20	22.82	24.30	23.15	25.70	25.90
24	23.95	23.40	22.58	19.30	21.55	18.70	22.15	22.15	24.35	23.15	25.80	24.70
25	23.98	22.50	21.45	20.20	21.90	19.90	22.05	22.30	24.32	24.20	24.70	23.95
26	24.13	23.00	21.40	20.70	21.95	20.55	21.30	21.20	24.52	24.40	25.85	24.00
27	24.25	23.40	21.78	20.90	20.20	21.05	21.10	21.75	24.50	24.55	25.40	25.10
28	22.68	23.92	21.92	20.88	21.10	21.50	20.50	22.35	24.60	23.70	25.80	25.20
29	23.00	.....	21.90	19.15	21.20	22.05	19.10	22.80	24.50	24.20	26.00	25.35
30	23.75	.....	21.88	19.35	22.20	22.15	18.30	23.00	23.15	24.55	26.30	24.55
31	24.08	.....	21.98	.....	22.20	.....	20.10	23.10	.....	24.95	.....	24.00

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	23.45	26.67	27.60	22.15	22.90	22.70	21.50	21.60	22.30	23.50	25.75	26.70
2	23.05	26.70	27.40	22.80	23.05	21.30	22.80	21.55	21.40	23.80	25.75	26.90
3	24.90	26.50	26.40	22.80	23.10	22.05	23.30	20.00	22.30	24.05	24.60	29.10
4	25.40	26.85	26.30	22.70	22.85	22.75	23.60	19.00	22.60	24.45	25.70	29.45
5	25.65	26.95	26.90	22.85	21.30	23.00	24.10	18.60	22.85	24.40	25.20	29.70
6	24.85	27.10	27.00	22.85	21.75	23.25	24.20	17.95	23.15	22.60	25.60	29.40
7	24.65	27.10	27.35	20.70	22.50	23.60	21.60	20.10	22.70	22.30	25.85	28.75
8	25.45	27.20	27.65	21.30	22.95	23.62	22.05	18.30	22.15	22.55	26.00	27.50
9	25.55	27.40	27.75	33.15	23.05	22.20	23.40	19.70	22.70	23.80	26.00	27.75
10	25.90	26.30	26.30	22.55	23.05	22.60	23.85	17.70	23.15	23.90	25.20	28.10
11	26.12	26.10	26.30	22.90	23.00	23.00	24.35	17.65	23.40	24.20	24.00	28.25
12	25.95	26.60	26.90	22.65	22.10	23.15	24.90	18.90	23.55	24.20	24.10	28.45
13	24.92	26.90	27.20	20.00	22.10	23.50	25.95	18.55	23.75	24.10	24.60	29.70
14	25.00	27.20	27.65	19.80	22.75	23.70	23.10	18.20	23.40	23.60	24.15	28.55
15	25.65	27.35	27.85	20.30	23.05	23.60	22.60	17.90	22.50	23.45	25.60	28.10
16	25.90	26.65	27.85	21.25	23.30	22.25	23.10	17.80	22.85	23.90	25.60	28.15
17	26.10	26.30	26.80	21.70	23.25	22.90	23.12	17.15	23.30	24.35	25.10	28.40
18	26.35	26.70	26.30	22.35	23.30	23.20	23.50	17.05	23.50	24.30	25.15	28.60
19	26.40	27.00	26.40	22.60	22.10	23.45	23.10	16.95	23.60	24.75	25.55	28.85
20	25.20	27.20	26.65	22.52	20.95	23.65	23.30	18.50	23.80	24.20	25.90	29.05
21	25.50	27.30	26.85	21.00	21.10	24.00	23.00	20.20	23.70	24.20	26.20	29.05
22	26.15	27.25	27.05	21.20	21.95	23.80	23.10	21.00	23.25	24.70	26.35	28.05
23	26.25	26.60	27.05	22.40	22.30	23.20	23.45	21.75	23.30	25.05	26.25	28.30
24	26.45	26.65	25.60	22.80	22.55	23.25	23.60	22.10	23.60	25.30	25.95	28.25
25	26.60	26.95	25.05	23.00	22.40	23.90	23.65	21.05	23.80	25.40	26.05	26.20
26	26.00	27.15	24.65	23.20	21.65	24.45	23.52	21.85	24.00	25.30	26.45	26.60
27	25.60	27.40	24.45	23.15	21.20	24.65	22.60	22.70	24.35	24.80	27.75	27.35
28	24.85	.....	24.40	21.60	22.35	24.90	21.40	23.00	24.10	24.85	26.95	27.38
29	26.30	.....	24.45	21.45	22.65	24.55	21.35	23.30	22.55	25.30	27.30	26.30
30	26.40	.....	24.30	22.30	22.90	22.70	22.05	23.75	23.20	25.50	27.00	27.35
31	26.42	.....	22.35	.....	22.90	.....	21.95	23.65	.....	25.35	.....	27.55

Waterloo County

Observation Well No.: 34
 Observer: J.S. Leslie, W. Schmidt
 Location: City of Kitchener, Shoemaker Avenue pumping station
 Type: Drilled, municipal, abandoned
 Depth: 370 feet
 Aquifer: Dolomite
 Recording method: Manually, by tape
 Records commenced: Sep. 11, 1946
 Measuring point: Top of casing 1 foot above land surface, elevation 1058 feet above sea level

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	32.32	Apr. 1	33.78	Jul. 1	32.29	Oct. 1	32.32
Feb. 1	33.76	May 1	32.61	Aug. 1	30.79	Nov. 1	31.56
Mar. 1	33.22	Jun. 1	32.42	Sep. 1	33.25	Dec. 1	31.26

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	29.69	Apr. 1	29.44	Jul. 1	33.11	Oct. 1	30.98
Feb. 1	31.14	May 1	28.14	Aug. 1	27.95	Nov. 1	30.21
Mar. 1	31.97	Jun. 1	30.92	Sep. 1	31.30	Dec. 1	31.92

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	33.60	Apr. 2	28.50	Jul. 3	32.60	Nov. 1	32.29
Mar. 1	33.00	May 1	29.60	Aug. 1	20.09	Dec. 1	28.75
		Jun. 1	35.28	Sep. 1	33.60		

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	28.69	Apr. 1	30.12	Jul. 1	34.98	Oct. 1	32.75
Feb. 1	31.71	May 1	30.87	Aug. 1	27.85	Nov. 1	34.61
Mar. 1	32.35	Jun. 1	31.02	Sep. 2	31.51	Dec. 1	34.89
						Dec. 31	32.05

Waterloo County

Observation Well No.: 35
 Observer: J.S. Leslie, W. Schmidt
 Location: City of Kitchener, Shoemaker Avenue, pumping station
 Type: Drilled, municipal, abandoned
 Depth: 196 feet
 Aquifer: Dolomite
 Recording method: Manually by tape
 Records commenced: Sep. 11, 1946
 Measuring point: Top of casing 1 foot above land surface, elevation 1058 feet above sea level

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	27.32	Apr. 1	30.79	Jul. 1	29.27	Oct. 1	28.54
Feb. 1	29.11	May 1	28.42	Aug. 1	17.01	Nov. 1	26.66
Mar. 1	28.68	Jun. 1	29.54	Sep. 1	29.11	Dec. 1	26.42

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	23.01	Apr. 1	15.59	Jul. 1	28.51	Oct. 1	20.98
Feb. 1	26.40	May 1	15.99	Aug. 1	17.00	Nov. 1	24.98
Mar. 1	24.69	Jun. 1	27.46	Sep. 1	25.00		

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	28.65	Apr. 2	19.50	Jul. 3	27.40	Nov. 1	25.90
Mar. 1	29.05	May 1	24.60	Aug. 1	22.50	Dec. 1	33.21
		Jun. 1	31.27	Sep. 1	29.50		

Waterloo County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	19.87	Apr. 1	17.47	Jul. 1	25.58	Oct. 1	22.00
Feb. 1	25.73	May 1	21.71	Aug. 1	20.27	Nov. 1	26.78
Mar. 1	25.29	Jun. 1	21.05	Sep. 2	17.20	Dec. 1	23.58
						Dec.31	25.90

Waterloo County

Observation Well No.: 59
Observer: E.G.Boeckner, W. Schmidt
Location: City of Kitchener, Strange Street pumping station
Type: Drilled, municipal, abandoned
Depth: 202 feet
Aquifer: Dolomite
Recording method: Manually, by tape
Records commenced: Nov.29, 1946
Measuring point: Top of wooden plank level with land surface, elevation 1070 feet above sea level

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	47.00	Apr. 3	51.30	Jul. 3	50.90	Oct. 2	55.60
Feb. 7	51.00	May 1	52.40	Aug. 7	52.00	Nov. 6	53.90
Mar. 6	53.50	Jun. 5	52.40	Sep. 4	54.20	Dec. 5	53.70

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	48.70	Apr. 9	53.30	Jul. 2	53.10	Oct. 3	53.68
Feb. 7	53.20	May 7	51.50			Nov. 1	52.80
Mar. 8	53.00	Jun. 4	51.20			Dec. 1	54.65

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 1	54.00	Apr. 2	52.90	Jul. 3	52.85	Nov. 1	53.90
Mar. 1	54.80	May 1	53.75	Aug. 1	46.34	Dec. 1	54.39
		Jun. 1	58.00	Sep. 1	54.49		

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 1	48.48	Apr. 1	52.69	Jul. 1	55.62	Oct. 1	56.17
Feb. 1	54.48	May 1	54.44	Aug. 1	49.50	Nov. 1	57.69
Mar. 1	54.50	Jun. 1	55.81	Sep. 2	52.81	Dec. 1	56.02
						Dec.31	53.39

Waterloo County

Observation Well No.: 82
Observer: A. Kaufman
Location: City of Kitchener, Bechtel's Tract, property of A.Kaufman
Type: Used, drilled
Depth: 127 feet
Aquifer: Sand and gravel
Recording method: Manually, by tape
Records commenced: May 10, 1958
Measuring point: Top of casing at land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 9	17.80	May 23	17.50	Aug.20	17.60	Oct.10	18.00
Jan.30	19.95	May 30	17.50	Sep. 3	18.20	Oct.11	39.00
Apr. 9	17.60	Jun.18	17.50	Sep.15	18.30	Oct.17	38.00
May 3	17.50	Jul. 1	17.50	Sep.28	18.40	Oct.18	41.40
May 9	17.40	Jul.21	17.60	Oct. 6	20.10	Oct.29	18.50
May 16	17.40	Aug. 5	17.60	Oct. 7	23.00	Dec. 4	18.40

Waterloo County - cont

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 8	18.60	Apr. 30	18.40	Jul. 9	18.60	Oct. 3	32.10
Mar. 4	18.60	May 29	18.40	Aug. 4	25.50	Oct. 4	25.50
Apr. 7	18.50	Jun. 23	18.60	Sep. 3	18.80	Oct. 5	19.40
						Oct. 8	18.80
						Nov. 3	21.40

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 10	20.60	May 19	30.60	Jul. 25	35.30	Oct. 8	37.40
Feb. 5	20.10	Jun. 8	21.30			Nov. 19	37.40
Mar. 25	18.60						

Waterloo County

Observation Well No.: 83
Observer: S. Becker
Location: City of Kitchener, Bechtel's Tract, property of S. Becker
Type: Used, drilled
Depth: 120 feet
Aquifer: Sand
Recording method: Manually, by tape
Records commenced: May 10, 1958
Measuring point: Top of casing in well pit 3 feet below land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
		Jun. 3	6.60	Aug. 21	7.20		
		Jul. 17	7.10	Sep. 24	7.55		

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
		May 13	7.65	Jul. 31	7.90	Sep. 12	8.10
		Jun. 29	7.80	Aug. 20	5.00	Oct. 3	20.70

Waterloo County

Observation Well No.: 116
Observer: W. Schmidt
Location: Wilmot township, 80n North of Bleams Road, lot 2, property of: Kitchener Water Commission
Type: Drilled, gauge
Depth: 97 feet
Aquifer: Clay gravel and sand
Recording method: Manually, by tape
Records commenced: Jun. 8, 1962
Measuring point: Top of casing level with land surface

Distances of water level from land surface

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jun. 8	16.23	Aug. 3	16.58	Oct. 5	16.83	Dec. 7	17.12
Jun. 15	16.08	Aug. 10	16.35	Oct. 12	16.85	Dec. 14	16.83
Jun. 22	16.19	Aug. 17	16.50	Oct. 19	16.83	Dec. 21	16.79
Jun. 29	16.29	Aug. 24	16.60	Oct. 26	16.75	Dec. 28	16.81
Jul. 6	16.33	Aug. 31	16.67	Nov. 2	16.77		
Jul. 14	16.44	Sep. 7	16.71	Nov. 16	16.77		
Jul. 21	16.54	Sep. 14	16.73	Nov. 23	16.87		
Jul. 27	16.62	Sep. 21	16.79	Nov. 30	16.85		
		Sep. 28	16.73				

Waterloo County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	16.81	Apr. 5	16.32	Jul. 5	17.02	Oct. 4	17.32
Jan.12	16.79	Apr.12	16.25	Jul.12	17.17	Oct.11	17.39
Jan.18	16.85	Apr.19	16.20	Jul.19	17.29	Oct.18	17.46
Jan.25	16.92	Apr.26	16.21	Jul.26	17.29	Oct.25	17.48
Feb. 1	16.92	May 3	16.20	Aug. 2	17.33	Nov. 1	17.52
Feb. 8	16.80	May 10	16.19	Aug. 9	17.29	Nov. 8	17.62
Feb.15	16.92	May 17	16.30	Aug.16	17.25	Nov.15	17.72
Feb.22	16.87	May 24	16.37	Aug.23	17.19	Nov.22	17.75
Mar. 1	16.92	May 31	16.44	Aug.30	17.21	Nov.29	17.76
Mar. 8	16.87	Jun. 7	16.46	Sep. 6	17.02	Dec. 6	17.75
Mar.15	16.85	Jun.14	16.75	Sep.13	17.29	Dec.13	17.86
Mar.22	16.29	Jun.21	16.84	Sep.20	17.23	Dec.20	17.79
		Jun.28	16.85	Sep.27	17.14	Dec.27	17.94

Waterloo County

Observation Well No.: 117
Observer: W. Schmidt
Location: Wilmot Township, con. South of Bleams Road, property of Kitchener Water Commission
Type: Drilled, gauge
Depth: 136 feet
Aquifer: Clay and gravel
Recording method: Manually, by tape
Records commenced: Jun. 8, 1962
Measuring point: Top of casing 2.6 feet above land surface

Distances of Water level from land surface

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jun. 8	10.48	Aug. 3	10.77	Oct. 5	11.23	Dec. 7	11.11
Jun.15	10.54	Aug.10	10.57	Oct.12	11.23	Dec.14	11.29
Jun.22	10.71	Aug.17	10.48	Oct.19	11.13	Dec.21	11.23
Jun.29	10.83	Aug.21	10.73	Oct.26	11.02	Dec.28	11.17
Jul. 6	11.00	Aug.24	10.48	Nov. 2	11.05		
Jul.14	11.17	Sep. 7	10.92	Nov. 9	11.15		
Jul.21	11.33	Sep.14	11.00	Nov.16	11.09		
Jul.27	11.00	Sep.21	11.09	Nov.23	11.17		
		Sep.28	10.98	Nov.30	11.24		

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 4	11.23	Apr. 5	10.63	Jul. 5	11.67	Oct. 4	12.17
Jan.12	11.32	Apr.12	10.67	Jul.12	11.90	Oct.11	12.17
Jan.18	11.36	Apr.19	10.54	Jul.19	12.04	Oct.18	12.17
Jan.25	11.40	Apr.26	10.54	Jul.26	11.86	Oct.25	12.15
Feb. 1	11.44	May 3	10.68	Aug. 2	10.86	Nov. 1	12.21
Feb. 8	11.44	May 10	10.58	Aug. 9	11.73	Nov. 8	12.13
Feb.15	11.44	May 17	10.73	Aug.16	11.82	Nov.15	12.22
Feb.22	11.42	May 24	10.79	Aug.23	11.94	Nov.22	12.23
Mar. 1	11.52	May 31	10.82	Aug.30	12.00	Nov.29	12.25
Mar. 8	11.46	Jun. 7	10.92	Sep. 6	12.11	Dec. 6	12.27
Mar.15	11.46	Jun.14	11.07	Sep.13	12.15	Dec.13	12.32
Mar.22	11.11	Jun.21	10.50	Sep.20	12.13	Dec.20	12.23
Mar.29	10.50	Jun.28	11.50	Sep.27	12.23	Dec.27	12.34

Waterloo County

Observation Well No.: 87
Observer: O.W.R.C. Personnel
Location: City of Galt, formerly Waterloo Township Beasley's lower Block, con II, lot 5, property of the Ontario Water Resources Commission
Type: Drilled, test
Depth: 243 feet
Aquifer: Guelph and Lockport formation
Recording method: Automatic Recorder
Records commenced: Top side of recorder platform 2 feet above land surface

Daily lowest water level from land surface

1960

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	67.60	62.85	57.02	55.88	72.40	.....	.....	.....	.....	.....	74.80	76.10
2	.....	62.80	55.55	56.18	72.55	.....	.....	.....	.....	.....	76.00	76.10
3	.....	62.90	56.87	56.17	61.00	.....	.....	.....	.....	.....	76.10	76.12
4	67.12	63.10	56.45	56.15	59.80	.....	.....	.....	.....	.....	71.50	75.80
5	65.20	63.35	62.00	59.10	59.48	.....	.....	.....	71.80	70.95	72.20	
6	65.10	63.58	62.80	59.52	59.40	.....	.....	.....	72.20	70.35	73.80	
7	65.10	63.35	62.91	59.65	.....	.....	.....	.....	72.80	69.90	73.80	
8	65.22	63.28	55.80	59.74	.....	.....	.....	.....	72.80	69.90	73.42	
9	65.10	60.50	53.38	69.55	.....	.....	.....	.....	72.50	69.80	.....
10	65.32	59.92	53.00	71.75	61.50	.....	.....	.....	72.10	74.70	.....
11	65.14	62.27	52.65	71.10	60.14	.....	.....	.....	68.60	75.58	.....
12	62.91	58.70	59.83	60.70	60.00	.....	.....	.....	69.10	75.65	.....
13	62.80	59.43	59.72	61.15	59.80	.....	.....	.....	71.00	.....	.....
14	62.52	59.78	59.72	66.75	.....	.....	.....	.....	71.25	71.35	.....
15	63.00	59.60	53.20	71.65	.....	.....	.....	.....	71.35	71.60	.....
16	63.02	59.08	52.92	72.60	.....	.....	.....	.....	71.40	72.15	.....
17	62.98	58.95	53.10	72.90	.....	.....	.....	.....	71.25	72.25	.....
18	63.25	57.85	53.47	72.90	.....	.....	.....	.....	71.40	72.45	.....
19	62.88	58.75	58.45	64.20	.....	.....	.....	.....	71.55	72.40	.....
20	62.38	56.70	59.15	61.55	.....	.....	.....	.....	71.95	72.40	.....
21	62.52	58.32	59.21	61.08	.....	.....	.....	.....	71.95	69.80	.....
22	62.72	58.60	59.20	61.40	.....	.....	.....	.....	71.95	71.60	.....
23	62.85	56.88	53.35	71.20	.....	.....	.....	.....	71.65	72.22	.....
24	62.92	56.65	57.80	72.50	.....	.....	.....	.....	73.80	72.25	.....
25	63.00	56.65	59.70	72.55	.....	.....	.....	.....	74.15	70.20	.....
26	62.60	56.80	58.15	59.90	.....	.....	.....	.....	74.20	71.60	.....
27	62.55	56.38	60.40	59.70	.....	.....	.....	.....	74.40	71.60	.....
28	62.82	58.65	60.38	59.35	.....	.....	.....	.....	74.55	69.00	.....
29	62.68	.....	56.15	59.45	.....	.....	.....	.....	72.75	72.05	.....
30	62.60	.....	56.20	69.20	.....	.....	.....	.....	68.45	73.30	.....
31	62.72	.....	56.20	.....	.....	.....	.....	.....	74.20	.....	.....

1961

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	.....	76.98	75.45	73.05	75.95	78.90	81.40	79.90	.....	73.25	81.60	81.70
2	.....	77.03	74.85	72.95	74.62	79.80	76.50	77.25	74.25	75.20	81.70	79.70
3	.....	77.03	75.10	72.20	75.40	80.15	75.25	75.50	74.25	78.40	82.00	74.40
4	.....	77.03	75.20	73.25	75.70	80.18	76.70	77.62	.....	79.25	82.15	74.25
5	.....	77.10	74.85	73.45	75.70	75.20	79.40	77.70	.....	79.35	74.70	78.75
6	.....	73.65	74.92	73.70	75.55	75.85	79.65	75.10	78.00	79.70	75.15	79.40
7	.....	76.15	73.63	73.85	74.65	76.25	79.65	.....	78.65	79.80	78.15	80.00
8	.....	76.60	73.70	73.85	74.75	77.15	76.15	77.50	78.80	74.70	80.75	80.60
9	72.10	77.80	77.85	73.80	76.60	77.30	75.65	78.55	78.80	75.80	81.15	80.60
10	72.50	78.32	78.95	73.50	79.15	77.30	76.60	.....	75.95	79.60	81.30	75.55
11	72.80	78.33	78.05	73.85	79.35	75.20	78.60	74.05	.....	80.80	81.20	78.70
12	72.85	78.18	77.68	73.80	79.35	74.50	79.20	74.05	79.50	81.05	81.00	80.55
13	72.88	74.20	72.10	73.82	75.70	76.80	79.40	74.05	80.25	81.10	81.00	81.15
14	73.05	75.45	77.65	73.90	75.55	78.05	79.40	74.05	80.35	80.90	80.20	81.15
15	73.05	75.53	78.70	73.90	75.20	78.90	79.40	74.10	76.30	80.90	80.80	81.40
16	72.78	75.53	78.70	73.80	75.95	79.40	75.45	78.80	73.50	80.65	80.80	81.35
17	74.42	76.84	78.40	73.60	76.18	79.15	78.30	79.80	74.30	80.90	80.90	66.50
18	74.80	77.03	72.00	73.90	76.18	75.70	79.35	80.00	78.00	77.30	76.80	78.90
19	74.88	77.18	71.00	74.05	76.38	74.75	79.65	80.05	78.70	79.10	74.00	81.15
20	74.78	77.90	78.30	74.05	76.38	77.40	80.00	75.15	.....	79.65	77.15	81.80
21	74.83	77.95	78.55	73.95	76.05	78.05	80.15	.....	.....	79.65	80.30	82.05
22	74.78	77.83	76.85	73.90	75.80	78.35	80.20	79.60	.....	77.40	81.15	82.05
23	75.40	72.15	75.00	73.90	74.60	78.50	79.90	80.25	72.90	79.20	81.40	81.95
24	78.90	72.15	74.85	74.25	78.60	78.50	79.45	75.85	71.60	79.50	81.50	77.15
25	79.02	71.98	72.00	75.62	79.15	78.50	79.25	76.45	76.25	80.40	81.50	71.40
26	74.10	72.15	71.70	76.40	79.50	.....	79.40	75.65	77.85	80.60	77.00	74.30
27	73.50	77.55	77.80	76.40	79.50	76.70	79.40	75.60	78.05	80.70	76.10	78.25
28	73.63	78.00	78.15	76.40	75.50	80.90	79.55	75.75	78.10	80.70	80.40	78.40
29	73.67	.....	73.60	76.40	74.65	81.15	79.58	78.40	76.50	75.40	81.50	76.70
30	74.20	.....	73.60	76.35	75.85	81.60	79.60	78.60	74.35	74.40	81.70	74.80
31	76.40	.....	73.60	.....	75.90	.....	79.10	77.00	.....	79.60	.....	74.35

Waterloo County - cont.

1962

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	75.10	76.65	81.00	74.38	80.75	76.20	82.85	.....	71.80	78.50	82.45	83.50
2	75.65	76.20	81.00	79.50	79.90	79.70	97.22	.....	75.95	78.95	82.70	83.40
3	75.55	76.75	77.40	79.85	79.55	81.70	87.20	75.80	75.10	80.65	82.85	81.50
4	76.05	77.10	76.55	79.85	79.25	81.90	78.90	74.95	78.10	80.95	82.55	82.35
5	76.05	76.95	80.60	80.10	88.90	77.90	77.50	74.85	79.45	81.00	81.30	82.60
6	75.85	74.65	81.40	80.30	81.30	80.75	76.80	74.40	77.50	79.35	82.40	82.60
7	76.20	74.85	81.60	74.80	81.55	81.50	77.40	75.15	77.25	78.80	82.40	83.00
8	76.40	75.30	81.60	74.05	80.55	77.80	76.75	77.00	77.15	77.50	82.30	80.80
9	76.65	78.30	81.50	75.65	80.25	77.30	76.80	77.75	77.00	75.50	82.85	82.20
10	76.80	77.90	75.10	80.70	79.10	91.70	76.80	77.80	74.50	81.60	82.50	81.30
11	78.20	77.90	74.70	81.05	79.10	82.20	76.45	77.80	76.75	82.20	82.60	83.10
12	78.45	77.60	76.60	81.18	78.83	90.30	76.20	75.95	77.00	82.40	81.70	83.35
13	76.33	77.50	77.20	78.60	79.30	79.40	78.80	75.60	76.45	82.45	82.35	83.35
14	77.60	80.80	77.40	75.50	79.35	76.95	83.50	77.20	76.60	78.65	82.85	83.30
15	77.62	81.18	77.45	74.90	79.40	76.95	84.55	79.79	76.70	90.90	82.90	83.30
16	78.70	81.20	77.85	75.00	79.10	77.05	84.60	79.05	77.30	82.00	82.85	78.85
17	79.42	81.38	77.85	77.25	78.20	82.80	81.45	79.10	79.80	82.15	82.95	82.80
18	79.45	79.15	77.85	78.25	76.40	83.25	76.00	78.00	80.90	82.10	81.40	83.45
19	79.60	75.55	77.85	78.28	76.50	77.80	75.10	77.55	81.15	82.30	81.20	84.05
20	79.40	76.80	77.60	78.35	76.80	76.50	75.25	77.15	81.15	81.90	83.15	84.40
21	77.60	80.50	80.10	75.30	83.55	76.05	87.10	77.25	81.05	78.10	83.30	84.40
22	77.35	81.30	80.45	74.60	84.30	75.05	.....	79.60	80.85	81.25	84.05	83.50
23	79.00	81.45	80.48	73.30	80.70	80.00	.....	80.75	76.10	82.00	84.20	76.10
24	79.60	74.60	75.55	78.40	79.85	81.25	.....	80.90	79.45	82.60	83.90	70.00
25	81.28	74.50	75.10	79.30	81.80	81.35	.....	80.95	80.35	82.60	79.15	74.70
26	81.38	79.90	77.95	79.55	82.50	79.50	.....	74.30	80.60	82.60	83.10	75.85
27	78.78	80.45	79.25	70.65	80.30	79.20	.....	74.30	80.75	82.20	82.60	81.20
28	79.15	80.40	79.65	79.05	77.60	77.82	.....	75.60	80.70	77.70	83.60	82.90
29	77.35	.....	79.65	84.65	76.40	76.95	.....	75.95	80.70	82.50	83.60	82.90
30	77.38	.....	79.80	85.20	76.50	76.75	.....	81.50	76.30	83.35	83.60	82.10
31	76.85	.....	75.15	.....	76.40	.....	.....	82.30	.....	83.45	.....	82.20

1963

Day	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	78.55	84.20	84.20	84.05	85.80	85.82	84.30	83.75	82.90	85.00	89.65	90.25
2	79.80	84.10	82.85	84.00	85.90	85.15	87.10	83.45	79.60	85.00	89.80	77.00
3	82.80	80.20	83.00	84.05	85.60	86.10	87.30	83.45	80.65	86.50	89.80	89.60
4	83.20	84.10	84.00	85.00	85.35	86.60	87.20	79.25	86.20	87.00	86.30	89.80
5	79.10	85.00	84.05	85.30	85.75	87.40	87.60	77.80	87.50	87.05	89.15	87.30
6	78.75	85.00	83.60	85.30	85.50	87.70	87.65	80.85	87.85	86.90	89.30	84.50
7	81.45	85.30	84.35	84.90	85.65	87.85	87.65	85.60	88.00	87.50	89.70	83.50
8	83.30	85.30	84.35	84.45	85.40	87.80	87.75	86.65	87.05	88.50	89.30	82.65
9	83.55	85.00	84.35	85.50	85.60	87.80	88.10	86.90	86.80	88.70	89.70	79.80
10	83.55	84.55	84.70	85.80	85.65	87.55	88.70	85.95	87.40	89.05	89.05	84.45
11	83.60	82.15	84.70	85.95	85.70	87.60	89.15	85.90	87.85	89.15	86.60	85.05
12	80.40	83.90	84.30	85.95	82.70	87.40	89.30	86.25	88.00	89.35	89.00	84.50
13	79.90	84.20	84.60	83.35	85.25	87.80	89.50	86.30	88.40	85.00	89.30	88.00
14	83.20	84.70	84.60	80.55	86.10	87.85	89.30	86.65	88.30	84.80	89.50	85.30
15	83.60	84.80	84.30	83.80	86.25	87.85	85.00	86.85	85.80	88.40	89.80	80.10
16	83.50	84.90	84.25	84.80	86.30	87.80	87.00	87.00	83.00	89.25	89.80	82.65
17	82.65	84.80	84.20	84.95	86.65	87.50	88.10	86.95	86.95	89.65	89.85	85.65
18	82.20	84.30	84.20	83.70	86.70	88.50	88.50	85.55	87.75	89.70	89.05	85.75
19	80.40	83.95	84.40	85.35	86.70	88.75	89.00	85.10	88.35	89.70	89.30	85.80
20	81.55	84.55	84.70	86.30	86.60	88.80	89.00	85.25	88.60	89.50	89.55	84.25
21	82.80	84.65	85.40	86.30	85.15	88.90	87.10	86.50	88.70	89.30	89.75	84.70
22	83.35	84.65	85.40	85.70	85.85	89.00	84.20	86.85	88.65	89.35	89.75	79.10
23	83.40	83.80	85.00	85.55	85.90	88.95	85.60	86.95	87.10	89.40	89.40	81.55
24	83.55	83.50	82.15	85.80	85.85	88.75	86.15	87.00	88.40	89.55	89.45	81.85
25	83.60	84.35	83.70	84.25	85.70	88.65	86.65	86.00	87.37	89.55	86.10	81.85
26	83.40	84.35	84.00	85.30	80.30	88.75	87.20	86.55	87.20	89.45	88.90	68.00
27	83.35	84.20	84.40	84.00	84.30	88.90	87.40	86.85	87.20	89.45	89.95	66.70
28	82.65	84.25	84.45	84.60	85.10	89.05	83.70	86.95	87.30	89.00	90.10	66.45
29	82.65	.....	84.45	85.05	85.50	89.10	82.50	87.00	85.50	89.35	89.70	66.45
30	84.15	.....	84.25	85.30	85.85	88.65	85.55	87.05	84.85	89.35	90.10	73.40
31	84.35	.....	84.25	.....	85.82	.....	86.00	83.55	.....	89.45	.....	77.80

Welland County

Observation Well No. 2
 Observer: W.R. Davison
 Location: Humberstone township, con I, lot 15, property of W.R. Davison
 Type: Drilled, used
 Depth: 32.5 feet
 Aquifer: Limestone
 Recording method: Manually, by tape
 Records commenced: Jun.13, 1946
 Measuring point: Top of casing 2 feet above land surface

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.20	6.30	Apr.20	5.01	Jul.24	8.75	Oct.22	10.05
Feb.20	6.26	May 20	6.45	Aug.20	8.99	Nov.20	11.04
Mar.20	5.73	Jun.20	5.92	Sep.24	10.00	Dec.24	10.99

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.29	8.01	Apr.22	6.07	Jul.26	7.82	Oct.20	10.95
Feb.23	7.26	May 21	5.11	Aug.20	11.80	Nov.21	9.98
Mar.24	6.20	Jun.25	4.66	Sep.21	10.80	Dec.22	9.10

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 2	8.20	Apr.20	6.60	Jul.20	10.95	Oct.21	11.80
		May 20	7.10	Aug.21	12.77	Nov.24	9.90
		Jun.21	6.27	Sep.22	13.44	Dec.26	9.80

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.20	9.50	Apr.20	5.99	Jul.20	11.40	Oct.20	13.10
Feb.24	8.80	May 20	9.99	Aug.20	8.02	Nov.22	9.20
Mar.24	6.05	Jun.21	11.96	Sep.21	9.90	Dec.20	8.45

Wellington County

Observation Well No.: 47
 Observer: H. Theaker
 Location: City of Guelph, Emma Street, property of Guelph Public Utilities Commission
 Type: Drilled, used
 Depth: 152.6 feet
 Aquifer: Dolomite
 Recording method: Airline readings
 Records commenced: Feb. 4, 1954
 Measuring point:

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb.12	63.00	Apr. 8	58.00	Jul. 6	59.00	Oct. 7	66.00
Mar.25	62.00	May 6	54.00	Aug. 8	60.00	Nov. 4	67.00
		Jun. 8	55.00	Sep. 2	66.00	Dec. 2	66.00

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan.13	68.00	Apr. 6	62.00	Jul. 7	64.00	Oct. 4	64.00
Feb. 9	70.00	May 12	63.00	Aug. 2	62.00	Nov.13	64.00
Mar. 2	68.00	Jun 14	68.00	Sep. 7	64.00	Dec.13	64.00

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	64.00	Apr.11	63.00	Jul. 6	68.00	Oct.17	68.00
Feb. 7	68.00	May 2	62.00	Aug. 8	65.00	Dec.13	65.00
Mar. 7	67.00	Jun. 6	66.00	Sep.19	68.00		

Wellington County - cont.

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	63.00	Apr. 17	61.00	Jul. 5	71.00	Oct. 4	64.00
Jan. 25	66.00	May 15	60.00	Aug. 16	61.00		
Mar. 14	71.00	Jun. 14	61.00	Sep. 23	68.00	Dec. 9	62.00

Wellington County

Observation Well No. 48
 Observer: H. Theaker
 Location: City of Guelph, Metcalfe Street, property of Guelph Public
 Utilities Commission
 Type: Drilled, used
 Depth: 202 feet
 Aquifer: Dolomite
 Recording method: Airline readings
 Records commenced: Feb. 4, 1954
 Measuring point:

Distances of water level from land surface

1960

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Feb. 12	63.00	Apr. 8	58.00	Jul. 6	59.00	Oct. 7	66.00
Mar. 25	62.00	May 6	54.00	Aug. 8	60.00	Nov. 4	67.00
		Jun. 8	55.00	Sep. 2	66.00	Dec. 2	66.00

1961

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 13	68.00	Apr. 6	62.00	Jul. 7	64.00	Oct. 4	64.00
Feb. 9	70.00	May 12	63.00	Aug. 2	62.00	Nov. 8	64.00
Mar. 2	68.00	Jun. 14	68.00	Sep. 7	64.00	Dec. 13	64.00

1962

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	64.00	Apr. 11	63.00	Jul. 6	68.00	Oct. 17	68.00
Feb. 7	68.00	May 2	62.00	Aug. 8	65.00		
Mar. 7	67.00	Jun. 6	66.00	Sep. 19	68.00	Dec. 13	65.00

1963

Date	Feet	Date	Feet	Date	Feet	Date	Feet
Jan. 3	63.00	Apr. 17	61.00	Jul. 15	71.00	Oct. 4	64.00
Jan. 25	66.00	May 15	60.00	Aug. 16	61.00		
Mar. 14	71.00	Jun. 14	61.00	Sep. 23	68.00	Dec. 9	62.00

**APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED
1960 to 1963**

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
ALGOMA DISTRICT					
1. R.P.Ahearn & G.A. Ahearn	85 Adelaide St. Sault Ste. Marie, Ontario. (Goulais River PO.1963)	8	7	8	8
2. F.V. Bonnin,	9 Stevens St., Sault Ste Marie Ontario.	4	1	1	0
3. C.W.Chapman,	Batchawana Bay, Ontario.	17	24	15	16
4. Clearwater Drilling and Supply Company,	Box 1, Nixon Rd., Sault Ste Marie, Ontario	24	25	26	12
5. Stan Coulter,	Echo Bay, Ontario.	1	0	3	0
6. James A. Grexton,	Bruce Mines, Ontario	*	1	6	0
7. Wm. R. Halcrow,	Bar.River, Ontario	*	*	1	1
8. Bertram H. Hurley,	R.R.1, Echo Bay, Ontario.	0	0	0	*
9. Louis H. Knoll,	Richard's Landing, Ontario.	*	*	7	4
10. S.M. McClelland,	Echo Bay, Ontario	6	4	10	*
11. McClelland & Hughson,	Echo Bay, Ontario	*	*	*	4
12. Charles Parr,	640 Shaeffer Ave., Sault Ste. Marie, Ontario	0	2	*	1
13. K.Ratajczak,	Box 455, Wawa, Ontario.	*	1	0	0
14. R.B. Renwick,	General Delivery, Sault Ste Marie, Ontario	*	*	4	5
15. Norman Scott,	99 Bellevue Ave., Sault Ste. Marie, Ontario	*	*	3	3
16. C. Sharp,	R.R. 1, Sault Ste. Marie, Ontario	0	*	*	*
17. Superior Drilling Co.,	35 Indiana Dr., Sault Ste Marie, Ontario	*	16	*	*
BRANT					
1. Ivan Davis,	131 Campbell St., Brantford	5	4	0	0
2. P.V.K. & Sons Soil Testing,	Burford, Ontario.	*	*	*	8
3. Joseph Stefan	Princeton, Ontario.	25	*	*	*
4. H.C. Traffry & Harold H. Wood,	Scotland, Ontario.	6	*	8	11
BRUCE					
1. Archie Currie,	Dobbinton, Ontario	0	0	*	0
2. Hazel M. Preston,	R.R. 1, Wiarton, Ontario	*	1	*	*
3. Hazel M. Tyson,	R.R. 1, Mar, Ontario	0	*	*	*
4. L.H. Weirmler,	Box 185, Chesley, Ontario.	9	2	*	*
5. Ross L. Weirmler,	Box 185, Chesley, Ontario.	0	*	*	*
6. Dalton Wright & Sons,	Hepworth, Ontario	40	50	62	55
7. Lloyd & Albert Wright	Box 62, Wiarton, Ontario	23	13	19	20
8. Roy & Stan Wright,	Wiarton, Ontario.	28	30	46	36
9. Stan & Orval Wright,	Wiarton, Ontario.	21	19	26	23
CARLETON					
1. T.H. Adams,	R.R. 6, Ottawa, Ontario.	15	*	*	*
2. Capital Water Supply,	1243 Heron Rd., Ottawa, Ontario	*	38	79	98
3. G.Charbonneau,	Box 194, Orleans, Ontario.	62	63	75	65
4. F.R. Cossette,	1510 Baseline Hd., Ottawa, Ontario	53	28	21	14
5. Marcel Cossette,	120 Tabor St., Eastview, Ontario.	0	*	7	0
6. Viateur Cossette,	60 Marquette St., Eastview, Ontario.	10	15	16	4
7. Wilfred Cossette,	259A Shakespeare St. Ottawa 2, Ontario.	19	14	9	8
8. Charles Dufresne,	103 Sweetland Ave, Ottawa, Ontario.	20	11	9	7
9. J.B. Dufresne Co. Ltd.,	1014 Maitland Ave, Ottawa, Ontario.	109	108	73	87
10. John L. Forget,	96 Rue Lavergne, Eastview, Ontario.	0	*	*	*
11. Yvon Giroux,	Cyrville, Box 107, Ontario.	9	0	4	0
12. Delmar S. Hueston,	R.R. 1, Stittsville, Ontario	*	5	7	4
13. F.E. Johnston Drilling Co. Ltd.,	1340 Bank St., Ottawa Ontario.	33	43	21	11
14. J.R. Kettles,	R.R. 1, Ramsayville, Ontario.	14	*	12	13
15. W.J. King,	48 Kempster Ave, Britannia Hts. Ontario.	0	13	4	*
16. D.McHardy,	Kinburn, Ontario.	0	27	7	0
17. Melville McLaughlin,	Ashton, Ontario	0	36	44	31
18. McLean Water Supply Ltd.,	1532 Raven Ave, Ottawa, Ontario.	48	0	0	40

* Not licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
CARLETON - cont.					
19. M.Meagher,	639 Rowanwood Ave, Ottawa Ontario.	32	34	26	22
20. W.Moloughney,	51 McEwen Ave. Ottawa, Ontario.	41	26	20	8
21. Blair Phillips Drilling Co. Ltd.,	Ottawa 5, Ontario	72	61	43	23
22. Alvin E.I. Quinn,	R.R. 3, Metcalfe, Ontario	*	*	*	0
23. Ben Sparks,	McEwen Ave. Woodruffe, Ontario	32	23	*	*
24. F.P. Sparks,,	Stittsville, Ontario	0	17	13	14
25. K. Sparks,	South March, Ontario	3	*	*	*
26. W.M.E. Sparks,	413 Edgeworth Ave., Ottawa 3, Ontario	25	17	4	*
27. J.E.Trottier,	228 Durocher St., Eastview Ontario	*	0	*	*
COCHRANE					
1. W.P. Dodge,	General Delivery, Cochrane, Ontario	*	*	1	*
2. N. Dubeau,	313-7th Ave., Box 479, Cochrane, Ontario	0	*	*	*
3. Paul Filion,	Box 182, Moonbeam, Ontario	0	0	1	0
4. Don Groleau Diamond Drilling,	Box 569, Kapuskasing, Ontario	107	82	95	75
5. Lucien Levesque	Box 226, Cochrane, Ontario	3	3	4	6
6. Eugene Longstreet,	Matheson, Ontario	2	2	*	*
7. J.B. Longstreet,	Matheson, Ontario	9	24	20	13
8. Melvin Longstreet,	Matheson, Ontario	13	5	*	0
9. Thomas Longstreet,	Matheson, Ontario	2	10	7	5
10. D. Noel,	Timmins, Ontario	3	9	6	4
11. Elol Robitaille,	Ramore, Ontario	7	1	0	0
DUPPERIN					
1. W.L. Davenport,	26 Amanda St., Orangeville Ontario	*	*	0	0
2. C. Shropshire,	R.R. 5, Orangeville, Ontario	0	0	2	1
3. Charles Smith,	31 Wellington St.,Orangeville, Ontario	24	29	33	22
4. Gerald Tortington,	R.R. 1, Orangeville, Ontario	*	*	*	22
ELGIN					
1. Elmo Hoover & Sons,	Aylmer, Ontario	28	16	20	22
2. Larry Hoover,	Aylmer, Ontario	0	21	6	3
3. Charles H. Kent,	Aylmer, Ontario	*	*	*	0
4. W.E. Locker,	R.R. 2, Vienna, Ontario	7	10	8	11
5. Louis Marcus,	Wallacetown, Ontario	0	2	0	0
6. W.L. McBeth,	Box 681, Aylmer, Ontario	4	6	4	6
7. Charles Norman,	R.R. 1, Corinth, Ontario	6	5	4	11
8. Pratt Bros.,	R.R. 4, Durham, Ontario	*	*	31	*
9. F.W. Reicheld,	Box 193, Port Stanley, Ontario	0	*	*	*
10. Charles Warren,	Sparta, Ontario	8	20	16	24
11. Alvin Wyatt,	Springfield, Ontario	*	*	2	2
ESSEX					
1. Michael Abbott,	R.R. 1, Kingsville	0	*	*	*
2. Stewart W. Gilbert,	1659 Pierre Ave, Windsor, Ontario	*	6	4	4
3. Earl M. Hernandez,	Box 262, Harrow, Ontario	13	6	4	13
4. Mauro Hernandez,	Wellington St., Harrow, Ontario	20	28	26	19
5. Wilford Hernandez,	Wellington St., Harrow, Ontario	*	*	*	5
6. James R. Hicks,	R.R. 2, Woodslee, Ontario	0	0	0	0
7. S.A. Hutchins,	R.R. 2, Agherstburg, Ontario	6	*	10	16
8. Johnston Bros.,	R.R. 3, Essex, Ontario	5	3	4	0
9. Harry LeClaire,	Comber, Ontario	5	2	2	0
10. Lucier Well Drilling,	R.R. 1, McGregor, Ontario	30	14	18	26
11. Daniel M. McRae,	R.R. 3, Essex, Ontario	0	0	0	0
12. Carl Smith,	R.R. 2, South Woodslee,Ontario	1	0	0	0
13. James H. Smith,	R.R. 2, Essex, Ontario	6	3	2	3
14. Delbert Sundin,	R.R. 1, Kingsville, Ontario	21	26	25	*
15. Gerald Sundin,	R.R. 1, Kingsville, Ontario	1	2	5	1
16. Leonard Sandin,	R.R. 1, Kingsville, Ontario	5	1	3	0
17. Austin Wilkinson,	R.R. 3, Leamington, Ontario	0	1	2	0
18. M.J. Williams,	R.R. 5, Leamington, Ontario	26	28	6	20

* Not licensed

**APPENDIX B -LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963**

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
FRONTENAC					
1. Francis Badour,	Verona, Ontario	*	*	*	0
2. George H. Davy,	R.R. 4, Kingston, Ontario	1	0	*	*
3. W.H. Davy,	Verona, Ontario	0	145	142	130
4. Eastern Ontario Diamond Drilling Co.,	Sharbot Lake, Ontario	37	28	20	20
5. Cecil Goodberry Well Drilling Co. Ltd.,	196 Indian Rd. Kingston. Ontario	160	134	120	111
6. Jack Knox Well Drilling,	Westbrook, Ontario	82	66	75	57
7. W.G. Miller,	1203 Davison St., Kingston Ontario	0	0	0	*
8. Ross C. Wales,	20 Lakeview Ave., Kingston Ontario	0	*	18	20
9. Wm. M. Young	R.R. 4, Kingston Ontario	*	0	0	*
GREY					
1. Abercrombie & Jackson	Clarksburg, Ontario	24	31	38	3
2. M.S. Bellerby,	R.R. 4, Owen Sound, Ontario.	6	2	0	10
3. Durham Drillers,	Box 299, Durham, Ontario	28	69	76	74
4. Allan Loucks,	Chatsworth, Ontario	*	8	13	34
5. Pratt Brothers,	R.R. 4, Durham, Ontario	16	24	*	33
6. Ronald Arthur Titus,	R.R. 1, Hanover, Ontario	0	0	*	*
HALDIMAND					
1. Caughell Bros.,	R.R. 4, Dunnville, Ontario	2	1	2	1
2. Cayuga Quarries Limited,	R.R. 4, Cayuga, Ontario	*	0	0	0
3. Grant Comfort,	R.R. 1, Selkirk, Ontario	*	*	*	0
4. Earl Culver,	R.R. 2, Selkirk, Ontario	*	*	15	10
5. Marvin Culver & Son,	R.R. 2, Selkirk, Ontario	0	10	*	*
6. G.A. Dennis & Sons,	Erie St. S., Selkirk, Ontario	0	11	11	5
7. Roy D. Featherstone,	245 Dumfries, Caledonia, Ontario	4	*	*	*
8. Robert J. Gilbertson,	R.R. 4, Cayuga, Ontario	*	10	2	2
9. Blake Helka,	John St., Box 543, Hagersville,	8	5	0	0
10. Mandley Drilling Contrac- tors Ltd.,	415 Church St., Dunnville	0	2	*	3
11. Keith McClung,	R.R. 1, Caledonia, Ontario	2	0	0	*
12. Elgin A. Mitchell,	Monson St., Jarvis, Ontario	*	0	1	10
13. Reasor Nauman,	Fisherville, Ontario	*	0	3	9
14. E.A. Ricker & Sons,	Canboro, Ontario	1	3	5	0
15. George Schwyer,	Fisherville, Ontario	*	0	*	*
16. Ivan Smelzer,	Main St. N.Jarvis, Ontario	3	1	1	2
17. Elgin Stewart,	R.R. 3, Jarvis, Ontario	19	20	33	20
18. Howard Stewart,	R.R. 3, Jarvis, Ontario	10	*	1	3
19. Douglas Thompson,	161 Gardiner Ave., Dunnville, Ontario	*	5	7	1
20. James F. Wickett,	Box 313, Caldeonia, Ontario	*	*	6	22
HALIBURTON					
1. Haliburton Drilling Co.,	Box 241, Haliburton, Ontario	0	13	13	18
2. Rabb Diamond Drilling Co. Ltd.,	88 Spruce St., Cardiff, Ontario	25	12	6	15
HALTON					
1. Roy P. Core,	Box 442, Milton, W., Ontario	14	*	*	*
2. Frederick M. Dennis,	54 Acton Blvd., Acton, Ontario	2	*	*	*
3. Benoit Gagne,	Moffet, Quebec,	*	*	5	0
4. Don B. Jacobson,	175 Main St., N.Georgetown, Ontario	5	1	*	*
5. James E. O'Rourke,	R.R. 1, Limehouse, Ontario	24	30	0	31
6. Burton Ruttan,	R.R. 2, Milton, Ontario	50	55	48	63
7. J.Calvin Sprowl,	R.R. 4, Acton, Ontario	0	*	*	*
8. John R. Sprowl,	R.R. 4, Acton, Ontario	45	35	38	41
HASTINGS					
1. Mansel Donaldson,	PO Box 40, Foxboro, Ontario	*	*	37	56
2. Thomas & Mansel Donaldson,	56 Holmes Rd., Belleville, Ontario	81	83	75	66
3. C.J.Fraser Well Drilling,	Box 293, Marmora, Ontario	0	102	66	34
4. H.E. Jones & Sons,	R.R. 2, Trenton, Ontario	81	110	83	72
5. Edward Taylor & Sons,	Madoc, Ontario	19	20	16	6
HURON					
1. Gordon L. Davidson,	Box 486, Wingham, Ontario	67	79	73	69
2. W.D. Hopper & Sons,	R.R. 2, Searforth, Ontario	63	85	74	78
KENORA					
1. J.H. Edwards Diamond Drilling Co. Ltd.,	Kenora, Ontario	*	*	6	3
2. Lantz Diamond Drilling,	Wabigoon, Ontario	*	*	11	10

* Not licensed

**APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963**

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
KENT					
1. Jacob Bourdeau,	R.R. 2, Dover Centre, Ontario	2	0	0	0
2. Robert M. Campbell,	Main St., Box 1, Morpeth, Ontario	0	8	*	*
3. Harold English,	R.R. 4, Blenheim, Ontario	1	4	3	2
4. Leonard C. Faubert,	Paincourt, Ontario	10	0	*	*
5. Glen Galbraith,	Box 43, Morpeth, Ontario	*	6	16	11
6. J.A. Johnston,	Prairie Siding, Ontario	0	4	4	22
7. Reginald & Russell Kempt	R.R. 3, Tilbury, Ontario	*	0	0	0
8. Arthur Lather	R.R. 3, Bothwell, Ontario	17	0	0	0
9. R. & V. Lather,	R.R. 3, Bothwell, Ontario	2	2	5	1
10. Douglas Lecuyer,	234 Inshes Ave., Chatham, Ont.	22	40	49	26
11. Orval L'Ecuier,	57 Joseph St., Chatham, Ontario	51	18	22	31
12. W.G. Marsh,	Bothwell, Ontario	2	3	17	11
13. Harold McDonald,	609 Duke St., Wallaceburg,	29	35	37	30
14. Arthur J. McGaffey,	Oak St., Bothwell, Ontario	*	*	0	*
15. Edwin R. McGaffey,	Box 55, Bothwell, Ontario	0	4	1	*
16. Glen L. McGaffey,	Chestnut St., Bothwell, Ontario	*	*	7	1
17. Roy McGaffey,	Bothwell, Ontario	0	4	1	*
18. Sidney W. Merritt,	R.R. 1, Smithville, Ontario	36	*	*	*
19. G. Newham	R.R. 1, Fletcher, Ontario	0	4	2	*
20. Russell Pinder,	R.R. 4, Blenheim, Ontario	*	0	1	0
21. Roy Pinsonneault,	R.R. 2, Thamesville, Ontario	*	*	31	43
22. Don Rice,	Chatham, Ontario	*	0	*	0
23. George Rice,	R.R. 1, Fletcher, Ontario	17	30	12	15
24. Earl Rumble,	R.R. 5, Blenheim, Ontario	3	8	6	11
25. Don C. Simpson,	R.R. 5, Dresden, Ontario	*	*	20	20
26. R.W. Simpson,	R.R. 2, Dresden, Ontario	37	46	45	35
27. J.E. Smith,	R.R. 3, Dresden, Ontario	0	7	0	0
28. S.H. Smith,	Port Alma, Ontario	0	0	*	*
29. Cecil Travis,	R.R. 1, Fletcher, Ontario	0	0	0	0
30. D.W. Wade,	R.R. 5, Wallaceburg, Ontario	34	32	35	43
31. R.B. Webster,	Northwood, R.R. 2, Ontario	0	5	*	*
32. S. Zimmer,	17 Jeffery St., Chatham, Ontario	0	0	0	0
LAMBTON					
1. Harold A. Brandon,	R.R. 3, Oil Springs, Ontario	15	4	*	0
2. Marvin S. Bullock,	Wilkesport, Ontario	*	*	0	1
3. John Chryslor,	Wilkesport, Ontario	*	0	0	1
4. V. Conlon,	R.R. 1, Port Lambton, Ontario	2	12	9	15
5. Don A. Douglas,	R.R. 1, Courtright, Ontario	1	3	0	3
6. A.A. Heal,	Box 264, Watford, Ontario	70	74	60	72
7. E.B. Hussey,	447 King St., Petrolia, Ontario	2	21	28	27
8. G.G. Hussey,	Box 304, Petrolia, Ontario	0	3	3	8
9. F.W. Jackson,	Bright's Grove, Ontario	25	43	26	50
10. Oscar Kimball,	R.R. 2, Oil Springs, Ontario	0	6	*	*
11. Wm. King,	Bridgen, Ontario	0	4	3	*
12. Roy Marsh,	R.R. 1, Wilkesport, Ontario	0	3	0	*
13. Edward Morningstar,	Oil Springs, Ontario	*	*	*	10
14. Herbert Morningstar,	Oil Springs, Ontario	*	2	0	*
15. Lyle Rawson,	R.R. 3, Petrolia, Ontario	15	14	22	19
16. Frank Rendle,	Box 165, Forest, Ontario	0	4	0	*
17. C.R. Thrower,	R.R. 3, Watford, Ontario	3	0	1	10
18. M.E. Ward,	R.R. 4, Watford, Ontario	0	0	0	0
19. C. Webster,	Box 369, Petrolia, Ontario	4	6	10	5
LANARK					
1. W.C. Coleman	Box 64, R.R. 2, Carleton Place, Ontario	13	4	5	3
2. W.V. Nugent,	Lanark, Ontario	34	49	48	34
3. Austin Stanton,	Pakenham, Ontario	37	30	18	28
4. Thompson Bros.	R.R. 3, Lanark, Ontario	34	28	45	48
5. D.J. Wark,	R.R. 2, Clayton, Ontario	*	*	0	0
6. G.D. Willits,	41 McGill St. North, Smith Falls Ontario	0	*	0	*
UNITED COUNTIES OF LEEDS & GRENVILLE					
LEEDS					
1. H.L. Davis,	R.R. 1, Jellyby, Ontario	43	36	28	40
2. T.L. Davis,	Jellyby, Ontario	15	8	9	3
3. The Dutch Store Ltd..	215 King St. W., Brockville, Ontario	*	10	13	6
4. Carl Jones,	R.R. 1, Lyndhurst, Ontario	*	*	*	45
5. Raymond Kenny,	Box 37, Lyndhurst, Ontario	23	28	21	0
6. G.V. Little,	R.R. 2, Addison, Ontario	0	*	*	*
7. F.J. McCarthy,	Newboro, Ontario	56	50	59	52
8. R.H. Miller,	150 Brook St., Brockville, Ont.	0	64	49	61
9. Alexander E. Morrison,	R.R. 1, Eastons Corners, Ont.	0	*	*	*
10. C.V. Morrison,	Frankville, Ontario	98	92	*	57
11. Gerald Morrison,	R.R. 2, Athens, Ontario	0	25	7	*
12. Lloyd Thompson,	18 Home St., Brockville, Ont	0	*	*	*

* Not licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
GRENVILLE					
1. Byron Campbell,	R.R. 1, Grenville, Ontario	*	*	4	4
2. W.H. Davis,	R.R. 3, N. Augusta, Ontario	*	0	*	*
3. N.H. Lackie,	Burritts, Rapids, Ontario	20	18	16	20
4. A.E. Morrison,	R.R. 1, Eastons Corners, Ontario	*	0	8	18
5. Harry Rathwell,	R.R. 2, Merrickville, Ontario	10	5	8	2
6. B.R. Skull,	Eastons Corners, Ontario	0	5	3	*
7. B.E. Sparks,	R.R. 1, Kemptville, Ontario	*	*	8	1
LENNOX & ADDINGTON					
1. L. Campbell,	R.R. 1, Newburgh, Ontario	32	42	42	36
2. P.C. Gastonguay,	c/o G. Delivery, Chelmsford, Ontario	*	0	*	*
3. G.H. Chalk, Jr.,	R.R. 6, Napanee, Ontario	103	146	98	88
4. G.S. Chalk Sr.,	Box 435, Napanee, Ontario	28	32	27	16
5. C.L. Lavallee,	Chelmsford, Ontario	*	11	*	*
6. L.C. Lavallee,	Chelmsford, Ontario	*	5	*	*
7. T.A. Richmond,	Hoblin, Ontario	35	43	20	23
8. E.H. Sleeth,	R.R. 4, Napanee, Ontario	*	*	4	2
9. D. & P. Stone,	R.R. 3, Napanee, Ontario	*	*	*	23
10. Ross C. Wales,	R.R. 1, Napanee, Ontario	*	14	*	*
LINCOLN					
1. W.L. Field,	R.R. 1, Vineland, Ontario	19	12	14	19
2. W.A. Lounsbury & Sons,	30 Dunlop Dr., St. Catharines, Ontario	35	44	31	40
3. Frank Merritt,	R.R. 1, Smithville, Ontario	23	48	40	52
4. Sidney W. Merritt,	R.R. 1, Smithville, Ontario	*	25	32	31
5. Wesley Packham,	R.R. 1, Smithville, Ontario	67	81	95	87
6. Steeves Well Drilling,	c/o Trudeau & Fils Ltée, Box 10, St. Anne De Bellevue, Quebec.	*	*	7	*
MANITOULIN					
1. Orval Brockelbank,	Gore Bay, Ontario	0	*	*	*
2. Donald Wright,	Manitowaning, Ontario	21	14	24	22
MIDDLESEX					
1. Irwin Corrothers,	R.R. 3, Kerrwood, Ontario	*	*	0	0
2. Wm. Dale,	R.R. 2, Wilton Grove, Ontario	34	33	41	43
3. Demaray & Nichols,	R.R. 1, Kerrwood, Ontario	*	0	*	*
4. Ronald Dolphin & Tom Earl,	Strathroy, Ontario	41	28	31	41
5. Kenneth Earl,	Simpson St., Glencoe, Ontario	*	*	0	0
6. Sydney Earl,	Kerrwood, Ontario	17	20	23	34
7. Gilbert Evans,	Victoria St., Glencoe, Ontario	0	2	2	1
8. International Water Supply Ltd.,	12 Maitland, London, Ontario	237	160	313	166
9. James B. Johnston,	786 Little Hill St., London, Ontario	7	8	6	4
10. Mervin Jones,	R.R. 3, Thorndale, Ontario	*	10	14	22
11. Kimberley Well Drilling Co. Ltd.,	86 Rollingwood Circle, London, Ontario	*	*	6	*
12. I.T. Lounsbury,	35 Woodward Ave., London, Ontario	15	23	10	19
13. A.S. McAlpine,	Walkers, Ontario	0	0	0	0
14. Wellington Newport,	R.R. 1, Wardsville, Ontario	0	2	*	*
15. John Palenkas,	Thorndale, Ontario	*	0	*	*
16. Roger B. Samson,	181 St. George, London, Ontario	0	*	*	*
17. H.T. Seigrist,	R.R. 5, London, Ontario	18	11	6	13
18. Wm. J. Siddall,	Glencoe, Ontario	*	*	*	0
19. Ron Smith	R.R. 3, Denfield, Ontario	27	33	28	41
20. H. Thompson,	282 Sanders, London, Ontario	*	*	0	*
21. Water Resources,	Box 32, Wardsville, Ontario	*	12	8	2
22. Robert A. Willits,	William St., Box 32, Wardsville, Ontario	0	*	*	*
23. Nick Wlwocharuk,	405 Pall-Mall St., London, Ontario	0	0	*	*
MUSKOKA					
1. Allard Brothers,	Box 1427, Huntsville, Ontario	*	*	29	28
2. Collins Well Drilling,	52 King St., Huntsville, Ont.	*	26	8	1
3. F.C. Hammond,	P.O. Box 592, Huntsville, Ont.	56	48	78	78
4. Kimberley Well Drilling, Co. Ltd.	Box 899 Gravenhurst, Ontario	0	0	*	*
NIPISSING					
1. Simon Bradley,	R.R. 1, Sturgeon Falls, Ontario	34	40	49	41
2. W.C. Brochu & Co. Ltd.,	North Bay, Ontario	3	44	40	43
3. Canadian Longyear Ltd.,	Drawer 330, North Bay, Ontario	7	13	11	8
4. Gateway Well Drilling,	1212 Beattie, North Bay, Ontario	31	40	38	42
5. Inspiration Mining & Development Co.,	North Bay, Ontario	0	6	21	1
6. J. & J. Well Drilling,	R.R. 2, North Bay, Ontario	0	18	*	*
7. Jutras Const. & Diamond Drilling Co. Ltd.	Box 322, North Bay, Ontario	0	15	*	*
8. J.L. Pilon Ltd.,	Box 626, North Bay, Ontario	0	5	0	*
9. Joe Sabourin,	Verner, Ontario	*	0	*	*

* Not licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
NORFOLK					
1. W. A. Belore,	Courtland, Ontario	19	11	11	0
2. Vincent Chatterson,	R.R. 2, Courtland, Ontario	3	9	4	*
3. G.W. Goodfellow,	Vittoria, Ontario	*	0	0	0
4. L.Hodgson & Sons	R.R. 1, Walsingham, Ontario	0	2	14	15
5. Ray Hodgson,	R.R. 1, Vittoria, Ontario	20	29	43	37
6. Seth Linton,	159 First Ave., Simcoe, Ontario	0	4	6	9
7. Sam Lyons & Sons,	R.R. 5, Simcoe, Ontario	*	0	0	0
8. R.McKenzie,	Vittoria, Ontario	4	12	17	21
9. Ryerse Repair Shop,	15 Potts Rd., Simcoe, Ontario	0	*	*	*
10. Carl Strome,	Box 45, Langton, Ontario	9	6	12	14
11. Ray Swayze,	R.R. 5, Simcoe, Ontario	29	26	26	22
12. Ted Van Kessel,	179 Sherman St., Simcoe, Ontario	6	23	21	15
UNITED COUNTIES OF NORTHUMBERLAND & DURHAM NORTHUMBERLAND					
1. J. Bailey,	250 Front St., N.Campbellford, Ontario	0	23	6	*
2. Noah Gilbert,	Baltimore, R.R. 2, Ontario	11	10	13	14
3. John Montgomery,	Meyersburg,PO, Ontario	*	*	2	6
4. H. Reyecraft & W. Day,	74 Centre St., Campbellford, Ontario	3	*	*	*
5. Reyecraft & Lloyd,	74 Centre St., Campbellford, Ontario	*	38	34	45
6. Howard Stewart,	R.R. 3, Jarvis, Ontario	*	2	*	*
7. Borden H. Summers,	Percy St., Box 103, Colbourne, Ontario	0	0	*	*
8. Broder Summers,	Box 33, Trent River, Ontario	0	60	33	56
9. Ernie Summers,	Box 33, Trent River, Ontario	*	9	23	*
10. J.W. Summers,	Box 231, Colbourne, Ontario	23	*	19	12
11. Robert Walsh,	R.R. 2, Campbellford, Ontario	*	0	*	*
DURHAM					
1. Gerald B. Fulton	R.R. 3, Bowmanville, Ontario	18	21	17	19
2. W.B. Goodwin,	Group 2, Box 14, Bowmanville, Ontario	0	1	1	0
3. R.Halford,	R.R. 2, Port Hope, Ontario	20	13	10	10
4. L. & G. Hoskin,	R.R. 1,Burketon, Ontario	0	31	22	34
5. D.H. Walsh,	225 Walton St., Port Hope, Ontario	*	18	23	32
OAKLAND					
1. Harry C. Treffry & Harold H. Wood,	R.R. 3, Scotland, Ont.	*	0	*	*
OXFORD					
1. W.L. Burwell,	R.R. 4, Tillsonburg, Ontario	15	*	22	14
2. Burwell & Evanitski,	R.R. 4, Tillsonburg, Ontario	*	34	*	*
3. Howard Cole,	R.R. 3, Tillsonburg, Ontario	*	*	*	22
4. S. DeGroat,	R.R. 3, Tillsonburg, Ontario	1	0	0	0
5. Bert Haskell,	Bright, Ontario	12	*	*	*
6. Gunter Holzheu,	R.R. 3, Tillsonburg, Ontario	*	*	*	0
7. K. McLeod,	R.R. 2, Ingersoll, Ontario	44	51	46	0
8. National Pump & Water Supply	56 Kensington, Woodstock, Ontario	*	2	14	6
9. Oxford Water Supply,	516 Princess, Woodstock, Ontario	*	*	4	*
10. Joseph Stefan,	R.R. 1, Princeton, Ontario	*	31	27	24
11. Neil Steinman & Baird,	R.R. 1, Bright, Ontario	28	34	49	55
12. J.P. Vos,	R.R. 2, Embro, Ontario	*	7	*	*
13. Gordon Warren,	99 Vienna, Rd., Tillsonburg, Ontario	68	64	69	31
14. J.H. Weaver & Son,	332 Tillson Ave., Tillsonburg, Ontario	41	54	62	66
PEEL					
1. N.D. Barnhardt,	R.R. 2, Brampton, Ontario	*	*	11	11
2. J.L. Burton,	57 Royce Ave., Brampton, Ontario	2	0	0	0
3. W. Burton,	R.R. 3, Streetsville, Ontario	0	*	*	*
4. W.E. Core,	161 Queen St.E., Brampton, Ontario	14	15	23	19
5. R. Dick,	R.R. 3, Bolton, Ontario	*	*	*	1
6. Henry Horan,	2 Athlone Rd., Bramalea, Brampton, Ontario	*	0	*	*
7. E.E. Jacobson,	Box 103, Brampton, Ontario	0	*	*	*
8. Harry Legendyk,	R.R. 2, Mono Road, Ontario	*	*	0	0
9. E.E. Longstreet,	Box 103, Brampton, Ontario	*	*	3	2
10. Steve McCauley,	Mono Road, Ontario	15	10	7	4
11. C. McClure,	R.R. 1, Inglewood, Ontario	8	13	32	4
12. K. McClure,	R.R. 1, Inglewood, Ontario	11	15	33	9
13. S. S. Rice,	27 Mill St., Streetsville, Ontario	0	0	*	*
14. Peter Spatuck,	R.R. 3, Malton Ontario	*	23	32	30

* Not licensed

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AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
PERTH					
1. C.H. Keeso,	R.R. 1, Listowel, Ontario	27	33	29	44
PETERBORO					
1. Russell Elvidge,	813 Cameron St., Peterborough, Ontario	*	0	88	61
2. W.N. Faulkner,	687 Water St., Peterborough, Ontario	194	242	253	232
3. Fred J. Fisher,	20 Macville Ave., Bridgeport, Ontario	0	*	*	*
4. Mike Gonta,	Peterborough, Ontario	*	*	*	0
5. C.C. Griffith,	R.R. 2, Warsaw, Ontario	11	12	9	10
6. L.B. Macdonald,	Strickland St., Lakefield, Ontario	16	22	9	*
7. P.R. McNeely,	R.R. 1, Lakefield, Ontario	15	12	13	11
8. C.V. Morrison,	Frankville, Ontario	*	*	72	*
9. Otonabee Water Wells Ltd,	Indian River, Ontario	11	*	*	*
10. W. Sanderson,	134 Maria St., Peterborough, Ontario	139	158	162	154
11. S.R. Stockdale Well Drilling	R.R. 2, Peterboro, Ontario	61	48	27	37
UNITED COUNTIES OF PRESCOTT & RUSSELL					
PRESCOTT					
1. M. Belanger,	Chute A. Blondeau, Ontario	*	15	22	17
RUSSELL					
1. Holland Bourgeois,	St. Albert, Ontario	19	23	21	24
2. Cayer Well Drilling,	St. Albert, Ontario	22	27	23	19
3. W.C. Christy,	Vars, PO, Ontario	13	10	15	10
PRINCE EDWARD					
1. L.H. McClennon,	Wellington, Ontario	62	91	70	71
2. H. & R. Rolston,	Main St., Bloomfield, Ontario	23	35	25	0
RENFREW					
1. Bernard Fillator,	Calabogie, Ontario	*	*	0	*
2. Hillyard Giffin,	R.R. 1, Matawatchan, Ontario	*	18	28	*
3. George H. Law,	R.R. 2, Calabogie, Ontario	0	*	16	14
4. Verner M. Marquardt,	Schutt, Ontario	42	35	48	36
5. Cecil Munroe,	Box 361, Pembroke, Ontario	*	39	72	69
6. Pembroke Well Drilling Service,	Box 512, Pembroke, Ontario	*	6	9	0
7. Kenneth Presley,	Box 810, Arnprior, Ontario	19	26	28	21
RAINY RIVER					
1. Allan O. Peterson,	Fort Frances, Ontario	*	*	15	21
2. Merlyn Peterson,	R.R. 1, Emo, Ontario	*	*	15	*
SIMCOE					
1. Clarence Bartley,	R.R. 3, Collingwood, Ontario	11	7	6	7
2. Alex Cameron,	R.R. 1, Midhurst, Ontario	25	28	17	22
3. Leslie Cameron,	R.R. Midhurst, Ontario	*	*	*	0
4. Frank Corner,	Box 51, Lefroy, Ontario	3	1	0	0
5. Merlin Coupland,	R.R. 2, Barrie, Ontario	23	*	*	*
6. Terrence Coupland,	R.R. 2, Barrie, Ontario	14	0	15	0
7. Coupland Drilling,	R.R. 2, Barrie, Ontario	*	32	40	33
8. Haliburton Drilling Co.,	Box 18, Bradford, Ontario	*	*	13	*
9. Henry Hammers,	R.R. 3, Barrie, Ontario	57	46	56	66
10. H. Horan,	R.R. 4, Tottenham, Ontario	0	*	*	*
11. L.J. Howell,	Coldwater, Ontario	4	6	6	6
12. Robert Nimmo,	302 Birch Street, Collingwood, Ontario	24	14	13	11
13. Northern Sanitation Co.,	21 James St., Orillia, Ontario	0	0	*	*
14. Dennis Slack,	80 Essa Rd., Barrie, Ontario	*	*	0	0
15. Snider Drilling,	Craighurst, Ontario	*	*	*	22
16. W.J. Whan,	Belle Ewart, Ontario	0	*	*	*
17. F. Wright & Son,	Collingwood, Ontario	0	35	39	50
UNITED COUNTIES OF STORMONT, DUNDAS, AND GLENGARRY					
STORMONT					
1. Arsene Bourdon,	20 Fennell Crescent, Cornwall, Ontario	23	26	7	17
2. Armand Gauthier,	Crysler, Ontario	35	34	35	31
3. Poliskin Well Drillers,	905 Edythe Ave., Cornwall, Ontario	0	*	*	*
4. Oliver Ranger,	Moose Creek, Ontario	0	*	*	*
5. Roy & Son Reg'd,	3260 Johnston Ave., Cornwall, Ontario.	35	24	14	20

* Not licensed

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AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
DUNDAS					
1. Byron W. Campbell,	Chesterville, Ontario	*	0	*	0
2. R.H. Casselman,	Williamsburg, Ontario	86	69	83	61
3. Wm. J. Lewis,	Brinston, R.R. 2, Dundas, Ontario	2	8	1	0
4. Elvin Pegg,	R.R. 4, Dundas, Ontario	*	1	*	*
5. Ivan Simzer,	R.R. 1, Mountain, Ontario	45	33	34	26
GLENGARRY					
1. Ferguson Thresher Company,	Box 16, Maxville, Ontario	15	0	3	3
2. Trudeau & Fils Ltee,	Box 10, Ste Anne De Bellevue, Quebec	20	*	*	*
3. Marland Murray,	Martintown, Ontario	0	*	*	*
SUDBURY					
1. Azilda Drilling,	30 Marier St., Azilda, Ontario	0	*	6	1
2. Roy Campbell	R.R. 2, Chelmsford, Ontario	1	3	0	0
3. Philias C. Castonguay	Gen.Del., Chelmsford, Ontario	0	*	0	0
4. Champion Water Drilling Co.	R.R. 1, Hamner, Ontario	*	35	39	30
5. L.E. Danis,	13 Armstrong St., Lockerby, Ontario	0	44	19	16
6. Omer Houle,	Box 43, Noelville, Ontario	*	14	34	0
7. C.L. Lavallee	Chelmsford, Ontario	8	*	0	0
8. L.C. Lavallee	Chelmsford, Ontario	9	*	9	22
9. Aurel Quenville,	R.R. 3, Sudbury, Ontario	*	*	*	17
10. Euclid and L. Quenville,	1980 Bancroft Dr., Sudbury, Ontario	*	*	14	2
11. Rays Drilling & Foundation Sounding, Co.	Whitefish, Ontario	*	10	28	21
12. Ernest Roy,	Vera St., Sudbury, Ontario	0	*	*	*
13. Joe Sabourin,	Warren, Ontario	0	*	*	*
14. Roland Sabourin,	Warren, Ontario	*	*	*	2
15. Sudbury Diamond Drilling	375 Laforest Ave., Sudbury, Ontario	31	*	35	35
16. Raymond A. Wheaton	Elden Street, Whitefish, Ontario	0	*	*	*
17. Worthington Well Drillers	R.R. 1, Worthington, Ontario	0	0	*	*
THUNDER BAY					
1. Boyles Bros. Drilling (Eastern) Limited	142 North Cumberland St., Port Arthur, Ontario	*	*	4	4
2. Wm. Cochrane & Son,	Front St., Nipigon, Ontario	*	16	*	*
3. DeCruyenaere Diamond Drilling and Supply,	Port Arthur, Ontario	*	*	*	4
4. Lionel Duce,	R.R. 3, Port William, Ontario	*	1	5	0
5. Lake Superior Diamond Drilling Co. Ltd.	336 Leslie, Ave., Port Arthur, Ontario	*	*	48	50
6. Haquiquil Construction Ltd.	Port William, Ontario	*	*	*	1
7. Joseph E. Maley,	R.R. 3, Port William, Ontario	0	3	3	7
8. L. Morrow,	Box 87, Geraldton, Ontario	*	5	0	2
9. Steeves Well Drilling,	Dorion, Quebec,	*	*	*	17
10. Victor Stenlund,	Hurkett, Ontario	*	*	5	9
11. Joseph Tucker,	Box 184, Longlac, Ontario	4	*	3	2
TIMISKAMING					
1. Theode Blain,	R.R. 1, New Liskeard, Ontario	1	1	1	2
2. Wm. Cochrane & Son,	Queen St., North Cobalt, Ontario	0	*	*	*
3. Thos. J. Demarell,	R.R. 2, Charlton, Ontario	0	0	1	0
4. Hillyard Giffin,	R.R. 1, Matawatchan, Ontario	*	*	28	*
5. Groleau Bros. Diamond Drilling Ltd.,	44 Taschereau St., E., Rouyn, Quebec	46	*	*	*
6. R. Laframboise,	PO, Box 71, Earleton, Ontario	0	0	2	0
7. E.R. Pacher Diamond Drilling,	34 Nickle St., Cobalt, Ontario	6	2	5	8
VICTORIA					
1. Baldwin Well Drilling,	R.R. 1, Kirkfield, Ontario	62	86	73	141
2. Larry Baldwin,	R.R. 1, Kirkfield, Ontario	*	*	*	0
3. Frank Benson,	R.R. 1, Kirkfield, Ontario	0	0	0	0
4. Percy A. Buck	R.R. 1, Omamee, Ontario	*	8	0	24
5. Gary Eades,	R.R. 1, Omamee, Ontario	*	*	0	*
6. Donald Hart,	Manilla, Ontario	0	41	58	27
7. G. Hart,	R.R. 1, Fenelon Falls, Ontario	36	47	52	38
8. K. Hart,	R.R. 1, Fenelon Falls, Ontario	84	28	37	5
9. J.F.Henderson,	102 Elgin St., Lindsay, Ontario	103	163	168	162
10. Elgin King,	Little Britain, Ontario	0	*	*	*
11. F.G. Lang,	Omamee, Ontario	0	0	0	*
12. Guy Steeves,	Argyle, Ontario	0	*	*	*
13. C.D. Weaver,	Cobocoonk, Ontario	8	5	2	*
14. Gordon Weaver,	R.R. 2, Kirkfield, Ontario	*	5	0	*

* Not licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
WATERLOO					
1. Acme Well Drillers,	296 Patricia St., Kitchener	*	*	*	3
2. Roy D. Featherstone,	145 Brentwood Ave., Kitchener, Ontario	*	0	*	*
3. Fred J. Fischer,	20 Macville Ave., Bridgeport, Ontario	*	0	0	0
4. Hadco Services Limited,	Elmira, Ontario	37	100	90	120
5. A. Kerber,	35 King St., N., Waterloo, Ontario	0	*	*	*
6. C. & H. Kerr,	133 Asmus St., New Hamburg, Ontario	32	20	28	0
7. Nelson MacLean,	296 Patricia At., Kitchener, Ontario	*	8	0	8
8. E. McLaughlin & Sons,	244 Erb St. W., Waterloo, Ontario	40	25	14	*
9. Russel I. McLaughlin,	236 Erb St., Waterloo, Ontario	*	26	36	59
10. McLaughlin Well Drilling,	c/o E. McLaughlin, RR3, Waterloo, Ontario	*	*	*	6
11. John Sauder,	Box 5, Crosshill, Ontario	*	6	*	*
12. Walter Schmeier,	33 Sandra, Kitchener, Ontario	0	0	0	0
13. G. Schweyer,	Fisherville, Ontario	0	*	*	*
14. L.C. Shantz,	R.R. 1, Preston, Ontario	31	22	37	37
15. Felix Straus,	St. Clements, Ontario	*	*	*	0
WELLAND					
1. Orley Culver,	Stevensville, Ontario	0	*	*	*
2. M. Deshaies,	R.R. 1, Wainfleet, Ontario	*	7	0	*
3. James Drilling Ltd.,	Welland, Ontario	*	*	*	0
4. L. Hallborg,	R.R. 1, Port Colbourne, Ontario	18	*	*	*
5. R.L. Schooley,	R.R. 3, Port Colbourne, Ontario	28	37	35	35
6. J.W. Summers,	Box 231, Colborne, Ontario	*	26	*	*
7. Walter Winger,	209 Emerick Ave., Port Erie, Ontario	29	22	16	16
WELLINGTON					
1. David G. Anger	Harriston, Ontario	*	*	*	0
2. John Cudney & Son,	Washington St., Salem, Ontario	0	20	19	25
3. R.H. Gadke,	R.R. 1, Clifford, Ontario	0	34	*	*
4. J.L. Graham,	R.R. 3, Guelph, Ontario	56	74	86	85
5. Charles Hill,	R.R. 2, Elora, Ontario	0	52	46	51
6. Edwin A. Keeso,	Clifford, Box 43, Ontario	25	26	27	25
7. Ladco Drilling,	R.R. 1, Hillsburgh, Ontario	*	*	24	47
8. John E. Murray,	Box 54, Moorefield, Ontario	0	0	0	0
9. Earl Sauder,	R.R. 1, Wallenstein, Ontario	0	*	*	*
10. John Sauder,	R.R. 1, Wallenstein, Ontario	0	*	*	*
11. J.C. Ivin Sprowl,	137 Renfield, St., Guelph, Ontario	*	35	0	41
12. Water Well Drilling,	c/o Gadke, Clifford, Ontario	*	*	35	26
WENTWORTH					
1. Allard Bros,	208 Grosvenor Ave., Hamilton, Ontario	19	25	*	*
2. James A. Anderson,	Freelton, Ontario	0	0	0	4
3. David B. Ashbaugh,	Glanford Station, Ontario	0	*	*	*
4. S.J. Atkinson,	239 Rosemary Lane, Ancaster, Ont	1	3	5	6
5. Howard W. Comfort,	137 Corman Ave., Stoney Creek, Ontario	0	*	*	*
6. Ernest Constable,	R.R. 2, Box 33, Hannon, Ontario	27	24	13	15
7. Cross Bros.,	Ryckman's Corners, Ontario	44	32	29	56
8. Edward Doyle,	981 Upper James St., Hamilton, Ontario	0	*	*	*
9. R. Embleton,	R.R. 3, Hamilton, Ontario	13	7	7	2
10. S. Gill,	55 Alpine Ave., Hamilton, Ont.	30	45	35	42
11. Frank Ince,	Ryckman's Corners, Ontario	46	60	72	72
12. Bart O'Connor,	40 Union St., Waterdown, Ontario	21	20	10	10
13. Elvin Pegg,	R.R. 4, Dundas, Ontario	8	*	1	7
14. W.E. Scriven,	Box 85, R.R. 3, Hannon, Ontario	33	27	23	18
15. G.J. Wallis,	R.R. 5, Hamilton, Ontario	47	41	54	50
YORK					
1. John L. Agnew,	R.R. 1, King, Ontario	0	3	0	*
2. Babiuk Well Boring,	Islington, Ontario	*	67	86	56
3. Maurice Babiuk,	590 Burnhamthorpe, Etobicoke, Ontario	57	80	91	91
4. Michael Babiuk,	126 Laurel Ave., Islington, Ontario	52	*	*	*
5. Wellington Bennett,	Milliken, Ontario	0	0	*	*
6. Joseph Bingham,	R.R. 2, Stouffville, Ontario	1	0	1	2
7. Wm. Bishop,	R.R. 1, Gormley, Ontario	*	0	*	*
8. F.W. Boadway,	Sutton West, Ontario	54	78	86	86
9. R.F. Challoner,	15 Johnston Ave., Thornhill, Ontario	7	3	5	6

* Not licensed

APPENDIX B - LICENSED BORING AND DRILLING CONTRACTORS
AND NUMBERS OF WELLS CONSTRUCTED,
1960 to 1963

Licensed Contractor and Location by County and District	Address	Number of Wells Constructed			
		1960	1961	1962	1963
YORK					
10. Fred Constable,	R.R. 2 , Woodbridge, Ontario	24	31	27	43
11. R.T. Cook and Associates,	62 Richmond St. W., Toronto 1, Ontario	0	*	*	0
12. James Diceman,	Sharon, Ontario	*	*	*	0
13. John F. Ellacott,	Box 92, Thornhill, Ontario	*	0	*	*
14. Bruce H. Findlay,	75 Northwood Dr., Willowdale, Ontario	8	8	11	4
15. David Fockler,	Ringwood, Ontario	*	2	21	*
16. Gordon Fockler,	Ringwood, Ontario	16	15	21	16
17. W.F. Gartshore,	R.R. 1, Sharon, Ontario	13	22	27	0
18. Frank Gerrits,	R.R. 2, Aurora, Ontario	0	0	22	*
19. Gormley Well Drilling,	R.R. 1, Gormley, Ontario	*	*	30	31
20. Frank Harrison,	1223 Yonge St., Box 151, Thornhill, Ontario	6	7	9	0
21. Fred Hollingshead,	Box 17, Holland Landing, Ontario	2	0	0	*
22. B.Huffman & Sons,	494 Lakeshore Rd., Toronto 14, Ontario	9	9	13	13
23. Blake Hunt,	6742 Kingston Rd., Highland Creek, Ontario	7	14	3	5
24. Silas A. Hutchins,	R.R. 2, Amherstburg, Ontario	*	16	*	*
25. Jefferson Drilling Co.	Box 31, Oakridges, Ontario	0	2	0	*
26. Peter Jorritsma,	R.R. 1, Ravenshoe, Ontario	0	*	*	*
27. Keswick Well Drilling Co.,	Elmhurst Beach, Keswick, Ont.	20	13	19	26
28. King City Well Drilling Co. Ltd.,	Box 192, King City, Ontario	27	38	68	51
29. Andreas G. Knelsen,	Birchill Rd., Pine Grove, Ontario	*	0	*	*
30. Harry Lagendyk,	Pine Grove, Ontario	*	0	*	*
31. George H. Law,	Calabogie, Ontario	*	26	*	*
32. Douglas S. Loughed,	Box 222, Newmarket, Ontario	40	38	50	42
33. Alton McKnight,	63 Nipigon Ave., Willowdale, Ontario	0	*	*	0
34. Ontario Well Digging Co.,	Wayne Dr., R.R.1, Newmarket, Ontario	125	127	199	180
35. Provincial Drilling,	Box 205, Richmond Hill, Ontario	*	1	1	4
36. Reliance Well Drilling,	Keswick, Ontario	0	9	2	*
37. R.B. Renwick,	Thornhill, Ontario	2	8	*	*
38. T.W. Renwick,	R.R. 2, Gormley, Ontario	0	*	*	*
39. C.M. Rutledge,	Nobleton, Ontario	36	34	*	*
40. Rutledge Water Wells, Ltd.,	Nobleton, Ontario	*	34	37	32
41. Charles E. Snider,	R.R. 1, Woodbridge, Ontario	42	40	35	19
42. Peter Spatuck,	166 Claise Ave., Toronto 3, Ontario	11	*	*	*
43. Albert J. Thomas,	River Glen Dr., Keswick, Ontario	8	9	0	0
44. Rinus Vardenboom,	Nobleton Ontario	*	*	*	0
45. Tom White,	R.R. 2, Stouffville, Ontario	11	14	17	14
46. Wilson's Well Drilling	R.R. 2, Gormley, Ontario	*	*	150	107

* Not licensed

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY Brantford	D. Surmowski	G.J. Wallis	Jan. 25, 1960	6	10	75	62	Fresh	D	Dug well 60; brown sandy soil 90; sandy grey clay 190; grey clay 152; northern running sand 194; blue clay 199; medium sand 205. Water from 150 to 195 and at 199.1. Water at 200. Topsoil 2; silty sand 16; sand 48. Water from 20 to 44.
Brantford	Yardley Nursery	L.C. Shantz	Jun. 25, 1960	7	12	26	19	"	In	Dug well 21; brown clay 74; grey limestone 119. Water at 90.
Brantford	Bell City Brands	W. Packham	Aug. 3, 1960	6 1/2	25	40	8	Sulphur	"	Dug well 20; blue clay 35; limestone 69. Water at 38.
Brantford	Brantford Twp.	International Water Supply Ltd.	Aug. 17, 1960	10	63	100 1/2	32	Fresh	T	Topsoil 2; clay 94; clay fine gravel 95; dolomite 130; limestone 153. Water from 95 to 153.
Brantford	Marwell Plastic Co.	E. Longstreet	Sep. 28, 1960	6	8	78	9	Sulphur	C	Dug well 21; brown clay 74; grey limestone 119. Water at 90.
Brantford	R. Syard	I. Davis	Mar. 25, 1961	6	10	150	50	Fresh	D	Stony clay 30; brown sand 70; sandy clay 200; clay gravel 265; gravel 209. Water at 209.
Brantford	D. Gambecort	Hedco Well Digging	May 22, 1962	27 1/2	6	16	11	"	D	Topsoil 1; brown sand 17; fine gravel 18. Water at 17.
Brantford	H. Watonic	E. Johnson	Jul. 17, 1963	36	4	15	10	"	D	Brown clay 8; grey fine sand 11; blue clay 24. Water at 10.
Brantford	"	"	May 7, 1963	36	4	15	6	"	D	Hard brown clay 6; coarse grey sand 14; blue clay 20. Water from 6 to 14.
Brantford	J. Solderelle	"	Dec. 7, 1963	36	5	7	6	"	D	Brown sandy clay 6; grey sand 9; grey clay 24. Water at 6.
Brantford Twp. A.S.G.A.J.L.	S.B. Ashby	G. Warren	Jun. 20, 1962	5	4	88	80	Fresh	D	Yellow clay loam 3; gravel boulders 60; gravel 95; yellow sand 90; sand 100. Water from 90 to 100.
A.R.S.	A. Gabriel	F. Ince	Jun. 9, 1961	6	25	65	38	"	D	Dug well 35; blue clay 77; grey shale 98. Water at 98.
C.R.	P. Vollek	H. Johnson	Aug. 17, 1963	36	4	27	23	"	D	Brown clay 15; blue clay 24; weathered coarse sand 36; Water at 24.
Con I	A.B. Nunn	G. Warren	Dec. 4, 1961	5	6	90	70	"	D, S	Yellow loam 6; gravel 50; grey clay stones 113; gravel rock 114. Water at 116.
Con I	D. Whiting	"	Jan. 3, 1963	5	10	55	45	"	D, S	Boulders fill 8; gravel stones 58; red sand 68. Water from 58 to 68.
Con I	D. McArthur	J. Stefen	Aug. 3, 1961	4	5	95	80	"	D	Dug well 6; sand clay 73; hard stony clay 113; dark green rock 120. Water at 114.
Con I	H. Berg	"	Oct. 12, 1962	4	5	102	98	"	D, S	Coarse gravel 38; fine gravel 92; hard clay 88; blue clay 125; hard clay 133; shale 135. Water at 134.
Con I	G. Hayden	G. Warren	Feb. 14, 1963	5	11	115	95	"	D, S	Clay boulders 11; brown sand stones 44; gravel boulders 21; pit gravel 94; yellow sand 110; gravel sand 115. Water from 100 to 115.
Con I	K. Miller	"	May 15, 1962	5	3	71	53	"	D	Topsoil 5; sand stones 13; sand 15; fine gravel 60; fine sand 71. Water from 60 to 71.
Con I	E. Eourm	G.J. Wallis	Oct. 17, 1962	6	20	80	71	"	D	Brown soil stones gravel 41; cemented sand gravel 73; medium sand 90. Water from 73 to 90.
Con I	J. Howard	J. Wickett	Jul. 5, 1963	4 1/2	10	64	64	"	D	Gravel 16; brown sand 26; gravel 36; brown sand 32; sand 95. Water at 95.
Con I	L. Ross	G. Warren	May 24, 1962	5	5	52	48	"	D	Gravel boulders 37; fine gravel 43; sand 55; cemented gravel 56; fine gravel 62. Water from 56 to 62.
Con I	M. Nowitsky	F. Ince	Aug. 9, 1963	6	1 1/2	250	160	"	D, S	Brown clay 10; gravel 90; stony clay 210; limestone 250. Water at 230.
Con I	Seaforth Sewer Tile Co.	Warren Water Wells	Oct. 1, 1963	6 1/2	13	160	130	"	In	Boulders gravel 30; brown sand 40; grey silt 53; grey clay stones 104; grey clay 140; pit gravel 150; grey shale gravel 170. Water at 170.
Con I	E. McGorrick	W. Packham	Nov. 19, 1963	6	20	110	65	"	S	Sandy loam 30; sandy clay 70; silty sand gravel 125; fine silty sand 132; shale 134. Water at 133.
Con I	S. Sherred	"	Jul. 17, 1962	6	4	90	37	"	D	Dug well 32; soft clay 70; limestone 02. Water at 97.
Con I	J. Sydas	"	Aug. 12, 1961	6	20	22	22	"	S	Clay 30; silty clay 93; limestone 110. Water at 107.

BRANT COUNTY - cont.

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1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY, cont.										
Brantford Wp., cont. Con IV lot 17	Separate School	S. Gill	Sep. 9, 1960	6	15	133	90	Fresh	P	Sandy clay 15; fine sand 140; coarse sand 143. Water at 143.
Con IV " 17	L. Fellows	I. Lounsbury	Mar. 14, 1962	8	112	70	59	"	P	Well pit 7; dry brown sand 54; dry gravel 66; gravel 80. Water from 86 to 80.
Con IV " 17	L. Fellows	"	Apr. 16, 1962	8	112	63	55	"	P	Fine brown sand 53; dry gravel 64; gravel 69. Water from 64 to 69.
Con IV " 18	K. Arnel	F. Ince	Oct. 4, 1961	6	15	130	120	"	D	Brown clay 4; sandy clay 30; blue clay 140; shale 158. Water at 145.
Con IV " 19	G. Robb	D. Thompson	Nov. 27, 1962	4	2	63	28	"	D	Light sandy soil 5; light sand pebbles 38; gravel 39; light sand gravel stones 52; sand 63. Water from 52 to 63.
Con IV " 22	H. Schmidt	H. Johnson	Jun. 9, 1963	36	10	25	23	"	D	Sand stone 25; soft blue clay 33; grey sand 35. Water at 25.
Con IV " 40	E.A. Simpson	J. Stefan	Oct. 2, 1962	4	5	65	48	Sulphur	D	Dug well 35; soft blue clay 110; rock 160. Water at 159.
Con V " 4	A. Keresturi	P.V.K. & Sons	Jan. 14, 1962	2	480	32	32	Fresh	Ir	Topsoil 2; sand 26; gravel sand 65; Water from 35 to 65.
Con V " 5	A. Jacko	Soil Testing	Oct. 9, 1962	2	500	17	17	"	Ir	Topsoil 2; sand 16; sand stone 60. Water at 17. 8 points.
Con V " 6	J. Bozek	R. Hodgson	Nov. 15, 1963	5	9	32	3	"	D, S	Topsoil 1; dry sand 6; gravel sand 25; dry gravel 33; gravel 43. Water from 35 to 43.
Con V " 7	E.D. Boch	P.V.K. & Sons	Nov. 15, 1962	2	600		15	"	Ir	Topsoil 2; sand 15; sand stone 46. Water at 15. 8 points.
Con V " 8	D.C. Lillico	Soil Testing	Jul. 18, 1962	2	500	28	28	"	Ir	Topsoil 2; sand 27; gravel sand 55. Water at 27. 10 points.
Con V " 16	PakerSporting Goods Ltd.	D. Thompson	Oct. 24, 1961	5				"		Dug well 5; light brown sand 85; gravel hardpan 87; light brown sand 118. Dry hole.
Con V " 16	"	"	Mar. 15, 1962	4	1	95	50	"	D	Light sand soil 4; dark sand gravel 72; fine brown sand 87; red clay hardpan 88; fine sand 95. Water from 89 to 95.
F.T. (Brant) " 6	Papple Bros.	J. Wickett	Dec. 20, 1962	6 1/2	9	20	20	Sulphur	N	Brown clay 18; grey sand pebbles 20; blue clay 70; limestone 92. Water at 70 and 90.
P.T. " 6	"	"	Mar. 13, 1963	6 1/2	50	20	20	Fresh	D, S	Brown clay 18; grey sand pebbles 20; blue clay 70; limestone 120. Water at 20, 80, 90 and from 115 to 120.
P.T. " 8	Twp. Brantford	International Water Supply Ltd.	Jul. 26, 1960	5					T	Brown clay 10; blue soft clay 120; rock.
P.T. " 10	"	"	Jul. 22, 1960	5					T 2-60	Brown clay 9; blue clay 94; sand rock.
H.R.S. " D	G. Bailey	L.C. Shantz	Aug. 23, 1960	5	1	125	14	Sulphur	D	Brown clay 18; brown clay 73; grey rock 215; brown limestone 223. Water from 215 to 223.
H.R.S. Range I " G	W. Dutka	E. Constable	Oct. 2, 1961	6	1 1/2	130	25	Fresh	D	Topsoil 4; sand loam 24; blue muck 126; blue shale 130. Water at 128.
H.R.S. " I " 1	N. Kinkel	F. Ince	Sep. 8, 1962	6	30	147	35	Sulphur	D, S	Brown clay 6; blue clay 75; limestone 147. Water at 140.
H.R.S. " I " 8	F. Pilchowski	"	Sep. 5, 1961	6	20	100	30	Fresh	D, C	Brown clay 6; blue clay 109; limestone 124. Water at 109.
H.R.S. " I " 10	W. Madden	"	Jun. 6, 1962	6	3	120	30	"	D, S	Brown clay 4; blue clay 98; limestone 120. Water at 109.
H.R.S. " I " 12	J. Goddard	"	Sep. 26, 1962	6	25	60	30	"	D	Brown clay 8; blue clay 102; limestone 109. Water at 104.
H.R.S. " I " 13	Twp. Brantford	E. Stewart	Jan. 30, 1963	7	16	105	33	"	P	Clay 104; brown limestone 115. Water at 115.
H.R.S. " I " 14	P. Cornwell	H. Johnson	Sep. 13, 1963	36	2	42	40	"	D	Brown clay 20; grey clay silt layers 50.
J.J.&M.F.T.	C. Poag	D. Thompson	Nov. 22, 1961	6	4 1/2	155	120	"	N	Yellow clay 13; blue clay 48; blue clay sand 50; blue clay 115; hard grey limestone 155. Water from 48 to 50 and at 121.
J.J.&M.F.T.	"	"	Dec. 21, 1961	6	1 1/2	215	45	Sulphur	S	Dark loam 3; yellow clay 13; blue clay 30; blue clay sand 42; blue clay 91; blue clay gravel 103; dark grey limestone 153; light grey limestone 203; brown limestone 215. Water from 30 to 35 and at 155 and 212.
K.T. Block I	J. Webster	R. McKenzie	Jul. 26, 1962	4	1	73	11	Fresh	S	Brown sand 4; brown sand clay 16; grey sand clay 40; fine grey sand 73. Water at 40.
K.T. " 2	R. Wratten	W. Packham	Feb. 11, 1960	7	6	90	73	"	D	Stony grey clay 30; fine gravel sand 85; fine brown sand 99. Water at 88.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. Brantford Twp. - cont. M.P.R.E. Range 1 lot9										
M.P.R.E. " I " 0	L. Smith	E. Stewart	Oct. 8, 1960	7	10	100	60	Fresh	D	Sandy loam 10; blue clay hard heads 211; coarse sand 216. Water at 211.
M.P.R.E. " II " 5	P. Vandertuin A. Biggar	J. Stefan E. Stewart	Jul. 28, 1961 Aug. 1, 1963	4 5	10 15	46 65	20 45	" "	D, S S	Soft blue clay 146; hard blue rock 160. Water at 167. Yellow loam 20; blue clay 25; blue clay gravel 40; quicksand 95; hard blue clay 15; brown limestone 15; brown limestone blue shale 175; blue shale gysium 180. Water at 177. Brown clay 10; blue clay 95; shale 110. Water at 108. Blue clay 75; shale 85. Water at 84. Topsoil 2; silty sandy clay 44; dirty gravel 48; sand gravel 59. Water from 48 to 59. Dug well 30; hardpan 51; fine sand gravel 78. Water at 78. Sandy clay 20; hardpan 24; clay 76; sandy gravel 79. Water at 79.
M.P.R.E. " III " 7	F. Rush	F. Ince	Jul. 23, 1963	6	10	100	10	"	D, S	
M.P.R.E. " IV " 1	P. Merkir	I. Davis	Nov. 17, 1960	6	20	20	15	"	D, S	
M.P.R.E. " I " 1	J. Walecki	L. C. Shantz	Mar. 23, 1961	7	20	40	36	"	D, S	
M.P.R.E. " I " 5	K. L. Reinhardt	N. Steinman	Apr. 8, 1960	5	8	38	35	"	D	
M.P.R.E. " I " 5	"	"	Apr. 12, 1960	5	10	40	35	"	D	
M.P.R.E. " I " 5	J. Cleveland	E. Stewart	May 25, 1962	5	5	165	54	"	D, S	Gravel sand loam 21; quicksand 91; blue clay 117; quicksand 162; brown limestone gysium 170. Water at 170.
M.P.R.E. " I " 6	A. Treverton	N. Steinman	Apr. 18, 1960	5	10	38	35	"	D	Sandy clay 51; clay 28; hardpan 36; sandy clay 70; sand gravel 81. Water at 81.
M.P.R.E. " I " 7	R. Oggins	J. Stefan	May 30, 1961	4	10	43	43	"	D	Soft silty sand 46; soft butty sand 70; soft blue clay 72; medium gravel 73. Water at 72.
M.P.R.E. " I " 7	F. Saulzzato	"	Jun. 1, 1961	4	10	30	30	"	D	Old well 26; soft silty sand 38; butty sand 58; soft blue clay 60; medium gravel 61. Water at 60.
M.P.R.E. " I " 7	Mt. Pleasant School	G. Warren	Nov. 14, 1961	8	3 1/2	50	13	"	P	Yellow sand 18; butty sand 42; fine sand 50. Water from 42 to 50.
M.P.R.E. " I " 7	Mt. Pleasant United Church	H. Johnson	Aug. 14, 1963	30	5	10	9	"	P	Brown clay 10; blue clay sand 22; hard clay gravel 25. Water at 25.
M.P.R.E. " I " 8	W. Thornborrow	J. Stefan	May 25, 1961	4	10	40	40	"	D	Soft yellow clay 20; silty sand 42; butty sand 67; stony clay 60; fine gravel 70. Water at 69.
M.P.R.E. " II " 7	Brantford Twp	P. V. K. & Sons Soil Testing	Jun. 21, 1963	4 1/2				"		Gravel 25; silt 156; clay 171; blue soft shale 190; hard grey limestone 196. Dry hole.
M.P.R.E. " II " 9	G. Chapin	J. Weaver & Son	Nov. 27, 1963	1	13		49	"	D, S	Open well 38; coarse sand 53. Water at 49.
H.P.T. W.T.	J. Trip H. Metz	H. Johnson	Dec. 6, 1963 Aug. 21, 1963	36 24	4	18	14	" "	D D	Brown sand 18; grey sand 24. Water at 16. Grey clay 45. Dry hole.
Brford Twp. Con I " 3	D. McArthur E. Cain	J. Stefan	Jul. 12, 1960 Nov. 7, 1962	4 4	5 5	61 34	60 30	Fresh	D D, S	Hard clay boulders 30; blue clay 106; rock 108. Water at 108. Soft silty sand 26; soft sand and clay streaks 44; hard clay 54; dirty gravel 56; fine clean gravel 59. Water at 56.
Con I " 4	E. Stuart	"	Apr. 27, 1961	4	10	45	38	"	D, S	Hard stony clay 40; dirty gravel 50; soft clay 60; dirty sand 66; soft clay 89; dirty sand 105; gravel 116; shale 120; grey rock 122. Water at 122.
Con I " 5	S. Reading	"	Jun. 9, 1961	4	4	18	Flows	"	D	Clay stones 17; dirty gravel 33; medium sand 36; coarse gravel 37. Water at 33.
Con I " 5	"	"	Jun. 16, 1961	4	4	22	"	"	D	Clay stones 21; dirty gravel 38; medium sand 40. Water at 38.
Con I " 8	G. Grover	"	Jun. 15, 1962	4	15	21	20	"	D, S	Soft sandy clay 8; soft yellow sand 28; hard packed sand gravel 48; fine gravel 56; medium gravel 58. Water at 58.
Con I " 9	E. Barker	"	Apr. 19, 1963	4	5	33	15	"	D, S	Soft yellow clay 18; fine silty sand 60; hard clay 88; dirty gravel 116; hard clay 149; shale 150. Water at 150.
Con I " 9	A. Beamer	"	Aug. 8, 1963	4	5	30	25	"	D, S	Hard clay 20; sandy clay 33; fine sand clay streaks 54; fine gravel 66. Water at 64.
Con I " 12	G. Hunter	"	Sep. 8, 1960	4	5	14	12	"	D	Stones clay 37; fine gravel 38. Water at 37.
Con I " 13	G. Gausyn	"	May 15, 1962	4	10	35	31	"	D, S	Old well 13; soft sand clay 34; hard gravelly clay 55; fine silty sand 65; hard packed sand gravel 80; fine silty sand 96; blue clay 139; grey shale 140. Water at 139.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRAVY COUNTY - cont.										
Burford Twp. - cont.										
Con VI	L.R. Wilson	Steinman & Baird	Jul. 12, 1962	6	15	19	11	Fresh	D, S	Sand 22; gritty clay 45; brown shale 47; Water at 47.
Con VI	L.A. Potter	Hacco Well Digging Ltd.	Apr. 12, 1961	30	10	41	22	"	D, S	Topsoil; brown clay 14; sand 16; blue hardpan 18; sand 20; blue clay 28; gravel 30; blue clay hardpan 35; gravel 36; blue hardpan 41. Water at 14, 18, 28 and 35.
Con VI	E. Robson	J. Stefan	Jul. 4, 1960	4	5	9	4	"	D	Soft silty sand 36; hard stony clay boulders 52; fine gravel 53. Water at 52.
Con VII	Burford Twp.	G.J. Wallis	Feb. 17, 1960	8	10	100	21	"	P	Brown sand fine gravel sand clay 9; fine sand 28; medium grain sand 30; fine brown sand 42; light grey clay silt 50; fine brown sand 58; medium grade sand 55; grey clay gravel 58; grey clay 105; grey clay gravel 110; grey clay hardpan 120; pea gravel grey clay 123; cemented sand gravel 128. Water from 17 to 42, 54 to 55 and from 120 to 128.
Con VII	Burford High School	G. Warren	Mar. 16, 1960	5	30	34	28	"	P	Clay gravel 30; sand 40; clay 47; sand fine gravel 50; clay 56. Water from 30 to 40 and from 47 to 52.
Con VII	K. Terryberry	J. Stefan	Jul. 12, 1962	4	10	60	45	"	D	Silty sand 42; soft sandy clay 60; soft blue clay 124; hard clay 132; dirty sand gravel 150; hard gravelly clay 153; fine gravel 154. Water at 154.
Con VII	F. Wale	E. Hoover & Sons	Dec. 16, 1961	5	4	35	30	"	D, S	Topsoil 1; sand 30; blue clay 50; blue clay stones gravel 64; gravel 65. Water at 65.
Con VII	G. Avey	J. Stefan	Jun. 28, 1960	4	5	9	4	"	D	Silty sand 8; hard stony clay boulders 52; fine gravel 53. Water at 52.
Con VII	L. Beam	"	Sep. 12, 1961	4	5	42	10	"	D, S	Hard stony clay 8; soft silty clay 16; hard gravelly clay boulders 34; dirty gravel 39; hard stony clay 51; blue rock 56. Water at 52.
Con VIII	G. Seitz	P.V.K. & Sons Soil Testing	Jun. 28, 1961	2	30	17	17	"	Ir	Topsoil 3; sand gravel 33. Water at 17, 4 points.
Con VIII	G. Brown	J. Stefan	Jun. 27, 1962	4	10	31	30	"	D, S	Soft yellow sand 12; soft putty sand 25; hard soft clay streaks 50; medium gravel 60. Water at 59.
Con VIII	W.H. Martin	"	Dec. 22, 1961	4	5	55	37	"	D, S	Clay 4; soft sandy clay 64; hard gravelly clay 67; soft silty sand boulders 77; hard clay stones 80; grey shale 81. Water at 81.
Con VIII	D. Eitel	J.H. Weaver & Son	Dec. 3, 1960	1	8	20	20	"	D, S	Open well 20; fine gravel 23; blue clay 24; blue putty sand 30; blue quicksand 44. Water at 20.
Con IX	J. Navel	"	Jun. 26, 1961	2	500	9	9	"	Ir	Sand gravel 40. Water at 10. - 6 points.
Con IX	W. Steward	P.V.K. & Sons Soil Testing	Jul. 6, 1960	4	5	9	8	"	D	Soft sandy clay 22; shale 23. Water at 23.
Con IX	W.N. Tighe	J. Stefan	Jul. 6, 1962	4	10	10	8	"	D	Soft silty sand 10; hard soft clay streaks 68; shale 74; blue rock 75. Water at 75.
Con IX	Burford Twp School Board	"	May 25, 1960	5	10	32	30	"	P	Yellow sand 28; sandy clay 72; shale 86; brown limestone 90. Water at 69.
Con IX	K. Heeney	"	Apr. 6, 1961	4	5	14	10	"	D, S	Old well 10; fine sand 34; hard clay 36; dark grey rock 40. Water at 40.
Con IX	P. Burtis	G. Warrens	Dec. 13, 1962	5	4	51	8	Sulphur	D, S	Clay boulders 22; clay putty sand 28; dirty gravel 44; shale 45; hard grey limestone 51. Water from 46 to 51.
Con IX	L. Turnbull	E. Hoover & Sons	Dec. 11, 1961	5	7	12	12	Fresh	D, S	Topsoil 1; fired clay 4; blue clay 35; sand gravel clay 44; gravel 45. Water at 45.
Con IX	H. Stubbe	P.V.K. & Sons Soil Testing	Nov. 28, 1963	4	7	44	42	Sulphur	P, S	Topsoil 2; clay 68; rock 72. Water at 72.
Con X	S.G. Clement	J. Stefan	Apr. 19, 1961	4	20	28	24	Fresh	D, S	Yellow sand 18; soft silty sand 52; soft clay 60; grey rock 61. Water at 61.
Con X	J. Muhl	"	Aug. 18, 1960	4	5	24	14	"	D	Soft silty sand 20; dirty gravel boulders 34; grey shale 42; grey limestone 50. Water at 50.
Con X	M. Attleberry	"	Oct. 25, 1962	4	5	21	15	"	D, S	Soft sand clay 21; putty sand 44; hard stony clay 66; grey rock 74. Water at 73.

	P. Coho	E. Hoover & Sons	May 24, 1961	5	5	25	20	Fresh	D, S	
Con X	" 22	H. Wood	Apr. 11, 1963	5	12	22	21	Sulphur	D	Topsoil 1; red clay 5; blue clay 56; sand silt boulders 70; gravel 72. Water at 72.
Con X	" 23	J. Stefan	Nov. 15, 1960	5	5	42	24	"	D	Yellow sand 4; clay boulders 58; grey rock 60. Water at 60.
Con X	" 24	G. Whitehead	Apr. 13, 1963	5	12	25	21	Fresh	D	Soft silty sand 9; sandy clay 32; blue clay 48; dirty sand gravel 56; clay 57; shale 58. Water at 57.
Con XI	" 11	P.V.K. & Sons Soil Testing	Sep. 6, 1960	1 1/2	10	6	6	"	D	Gravel sand 30; clay 40; quicksand 48; blue clay 66; grey rock 68. Water at 68.
Con XI	" 20	A. Morris	Sep. 29, 1960	4	10	19	18	"	D, S	Pine sand 4; gravel 6; silty clay 9; sandy gravel 15; sand 21. Water at 7.
Con XI	" 20	O. Lankin	Jul. 22, 1961	8	100	115	Flows	Sulphur	Ir	Pine brown sand 20; soft sandy clay 56; blue clay 59; grey rock 60. Water at 60.
Con XII	" 15	J. Pettitt	Jul. 14, 1962	6	8	123	35	Fresh	D, S	Sand 25; clay 44; gravel 45; brown limestone 55; grey limestone 60; brown limestone 90; grey limestone 110; grey shale 130. Water at 123.
Con XII	" 23	V. Norris	Jul. 20, 1962	4	10	33	32	"	D, S	Brown clay 6; stony blue clay 113; limestone 123. Water at 120.
Con XIII	" 1	A. Campbell	May 28, 1960	7	8	54	51	"	D	Dug well 18; blue clay 36; soft putty sand 61; hard clay 63; rock 65. Water at 64.
Con XIII	" 1	Scotland Fare Area	Sep. 17, 1960	5	6	53	41	"	P	Brown hard sand 3; brown sand clay boulders 24; brown sand clay 33; sand silt 45; fine brown sand 69; fine brown sand silt clay 72. Water from 45 to 69.
Con XIII	" 1	I. Sletz	Jun. 2, 1961	5	5	54	44	"	N	Sand 6; boulders sand 11; sand gravel 65. Water from 60 to 65.
Con XIII	" 1	G. Graffner	Jul. 11, 1961	5	5	54	44	"	D	Clay boulders 140.
Con XIII	" 1	I. S. Sletz	Jul. 28, 1961	7	5	76	70	"	D	Open well 35; sand small stones 55; fine sand 62. Water from 55 to 62.
Con XIII	" 1	C. Rolson	Dec. 4, 1963	6	15	69	65	"	D	Loam sand 20; loam sand gravel 45; quicksand 140; clay 144; shale 180; shale gypsum 215. Water at 175.
Con XIII	" 2	J. Drong	Nov. 5, 1962	5	10	45	45	"	D	Brown clay 8; stony clay 70; sand 81. Water at 78.
Con XIII	" 13	J.W. Banks	Sep. 26, 1960	4	10	45	42	"	D	Sandy loam gravel 30; fine sand 70; coarse gravel 75; clay 128; brown limestone shale 140. Water at 75 and 140.
Con XIII	" 13	D. Letimer	Jan. 15, 1963	4	8	18	18	"	D	Yellow sand 12; sandy clay 75; blue clay 105; stones clay 111; shale 113; blue rock 116. Water at 116.
Con XIII	" 18	G. & J. Atlee	Oct. 28, 1960	1 1/2	10	6	6	"	D	Topsoil 18; silt 97; grey rock 98. Water at 18.
Con XIII	" 21	E. Groulx	Nov. 26, 1960	4	50	16	16	"	D, S	Black topsoil 3; fine sand 7; silty clay 10; fine sand 17; coarse sand small stone 23; stone sand 33. Water at 26.
Con XIV	" 1	C. Malcolm	Sep. 21, 1961	5	5	90	44 1/2	"	D	Loam 4; brown clay 21; blue clay 30; fine sand 51; soft clay 72; hard clay 86; grey limestone 87. Water at 87.
Con XIV	" 1	W. Broda	Sep. 29, 1961	5	12	100	41	"	D, C	Pine sand 40; coarse sand 57; sand clay 65; clay gravel sand 95; clay gravel 107; sand gravel 111. Water at 111.
Con XIV	" 1	G. Demeyere	Jan. 9, 1962	5	10	80	80	Mineral	D	Sand coarse gravel boulders 8; coarse sand 40; medium sand 57; gravel sand 122; brown limestone 127. Water at 125.
Con XIV	" 3	J. Szabad	Feb. 15, 1962	5	10	36	36	"	D, S	Gravel sand 122; brown limestone 127. Water at 125.
Con XIV	" 16	D. Pite	Nov. 1, 1962	5	12	40	40	"	D, S	Sandy loam 10; yellow loam 30; soft blue clay 95; hard blue clay 150; hardpan 155; brown limestone 170. Water at 170.
Con XIV	" 17	V. Saatana	Aug. 16, 1962	5	12	35	35	"	D	Sandy loam 120; blue clay 142; brown limestone 160. Water at 160.
Con XIV	" 24	H. Jansen	Aug. 10, 1962	5	3	17	17	"	D	Sand clay 90; clay 107; grey shale 118. Water at 118.
Con I	lot 1	C.E. Bush	Sep. 5, 1960	1 1/2	10	4	4	Fresh	D	Clay 55; clay coarse gravel 70; sand 89; quicksand 122; hardpan 129; grey rock 134. Water at 132.
Oakland Twp.		E. Hoover & Sons Soil Testing	Aug. 10, 1962	5	12	35	35	"	D, S	Dug 28; clay 65; fine sand 73; quicksand 90; putty sand 112; hardpan 119; grey rock 122. Water at 122.
		P.V.K. & Sons Soil Testing	Sep. 5, 1960	1 1/2	10	4	4	Fresh	D	Red sand 18; soft blue clay 80; gravel 81. Water at 81.
										Dark sand 31; gravel 34; coarse sand 38. Water at 6.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont. Oakland Twp.- cont.										
Con I	R.A. Sellig	P.V.K. & Sons Soil Testing	Nov.24,1960	1 1/2	15		6	Fresh	D	Topsoil 3;fine brown sand 15;clear fine sand stones 31. Water at 10.
Con I	B. Weish	J. Stefan	May 29,1962	4	5	11	8	"	D	Soft yellow sand 22;soft blue clay 25;coarse gravel 26. Water at 25.
Con I	T. Arthur	W. Packham	Nov.22,1963	6	10	80	20	"	D,S	Old well 21;sandy clay 45; hardpan 62;bedrock 90. Water at 75.
Con I	G. Logan	"	Apr.12,1962	6	15	65	60	"	D,S	Dry sand 55;clay gravel 65;blue clay 155;medium gravel 158. Water at 158.
Con I	S.Brant	"	Nov. 5,1962	6	9	40	6	"	P	Sandy loam 20;quicksand 30;fine sand 35;sandy clay coarse gravel 45;clay 47;gravel 48. Water at 48.
Con II	Lion's Club	"	Nov.1,1963	6	20	52	42	"	D	Loam clay 51;gravel 53;gravel 54. Water at 54.
Con II	L. McColliey	G. Warren	May 11,1962	4	5	40	32	"	D	Open hole 5;red sand 14;dirty gravel 35;white sand 50;red sand 62. Water from 50 to 62.
Con II	P. DeKlerck	W. Packham	Nov. 2,1962	6	10	45	37	"	D	Sand 8;sandy clay stones 25;sand 61. Water at 60.
Con II	K. Barnes	C. Strome	Dec. 10,1963	5	4	38	40	"	D	Sand 4;clay stone 10;gravel 22;white sand 28;fine gravel 37;dry sand 45;medium sand 50. Water at 50.
Con II	S. McCulloch	"	Nov.12,1963	4	5	59	54	"	D	Red sand 7;gravel stones 14;sand 26;gravel 29;dry coarse sand 38;fine gravel 52;clay 54;gravel 59;clay 60. Water at 54.
Con II	W.T. James	J. Stefan	Oct.27,1961	4	10	46	34	"	D,S	Old well 32;soft silty sand 114;streaks clay dirty sand 148; soft shale 157;fine gravel 158. Water at 157.
Con III	H. Kegels	W. Packham	May 11,1960	7	10	65	57	"	D	Stony clay 60;sandy clay 70;sand gravel 75;gravel 82. Water at 80.
Con III	A. Kegels	J.H. Weaver	Apr.24,1961	1	24	60	25	"	D,Ir	Old well 20;fine gravel 40. Water at 25.
Con III	C. Vezenyi	G.A.Dennis & Sons	May 19,1961	5	8	60	28	"	D,S	Coarse gravel 3;dry sand 30;fine sand 85;clay 94;fine sand 152;coarse sand gravel 156;brown limestone 161. Water at 157.
Con III	J. Yarek	W. Packham	Aug. 4,1962	6	20	60	52	"	D,S	Old well 45;sandy clay 60;sand 80;clay 125;sandy clay 172; hardpan 183;limestone 187. Water at 186.
Con III	E. House	E. Stewart	May 26,1960	7	270	150	40	"	Ir	Loam gravel 25;blue clay large stones 60;blue clay 170; hardpan 172;soft shaly rock 176;brown limestone 210;brown limestone shale 280;shale expanse 350. Water at 181, 325 and 350.
Con III	A. Tucznski	"	Oct.30,1962	5	20	37	27	"	D,S	Sand loam 40;quicksand 135;clay 152;dark coarse sand 155. Water at 155.
Con III	C. Stroka	"	Jul.17,1963	5	5	36	36	"	D	Sand loam 30;clay gravel 80;quicksand 125;blue clay 144; coarse sand 145. Water at 145.
Onondaga Twp.										
Con I	K. Wilkieson	P. Ince	Sep.10,1963	6	10	82	30	Fresh	D,S	Brown clay 10;blue clay 74;rock 85. Water at 85.
Con I	A. Basciop	"	Dec. 6,1963	6	1	100	25	"	D,S	Brown clay 15;blue clay 80;limestone 100. Water at 90.
Con I	B. Sommer	Cross Bros.	Nov.27,1963	6	1	94	32	"	D	Topsoil 1;brown clay 26;quicksand 45;blue clay 55;limestone 98. Water at 90.
Con I	M. Johnson	F. Ince	Nov.21,1963	6	24	45	40	Sulphur	D,S	Brown clay 6;blue clay 77;rock 142. Water at 141.
Con I	T. Ivanisko	J.F. Wickett	Nov.19,1963	6	10	75	25	Fresh	D,S	Brown sand 18;sand pebbles 23;blue clay 78;grey limestone 84. Water at 80.
Con III	D.R. Jarvis	H. Johnson	Sep.11,1963	30	2	42	40	"	D	Water sand 4;clay layers sand 50. Water at 11, 304; and from 36 to 50.
Con I	C. Pair	P. Ince	Jul.31,1962	6	4	142	35	"	D,S	Brown clay 6;blue clay 86;limestone 142. Water at 138.
Con I	P. Allenmang	"	Jun.21,1962	6	5	78	30	"	D,S	Brown clay 6;blue clay 73;limestone 78. Water at 77.
Con II	K. Burke	S.W. Merritt	Feb.7, 1963	6	7	118	24	Sulphur	D,S	Rock clay 18;soft clay 33;limestone 75;exposum limestone 88; rock 148. Water at 90, 143 and 147.
Con II	J. Howden	P. Ince	Dec.27,1962	6 1/2	8	125	25	Fresh	D,S	Brown clay 10;blue clay 174;grey limestone 125. Water at 115.
Con II	M. Luff	"	Feb. 9, 1962	6	8	120	35	"	D,S	Brown clay 4;blue clay 144;gravel 125;limestone 127. Water at 125.
Con III	H. Chaffer	H. Johnson	Aug. 6, 1963	36	7	64	44	"	D	At 125 clay 45;clay silt layers 64. Water at 44.
Con III	A. W. Stephens	H. Davis	Feb. 4, 1960	36	7	90	40	Sulphur	D	Brown sand clay 20;blue clay 135.

R.M.B.	"	B	H. Hamilton	D. Thompson	Oct.13,1962	5	8	90	90	Fresh	D	Yellow clay 15;blue clay 55;sand 75;clay gravel 90;blue clay 111;brown,gray limestone 115. Water at 114.
R.R.	"	27	W. Ouchtreed	F. Ince	May 29,1963	5	7	119	71	"	S	Old well 70;blue clay stones 70;brown sand 80;blue clay 92; brown sand, pebbles 115;blue shale limestone 119. Water from 70 to 80;92 to 115, and 117.
R.R.	"	80	R.Schleissner	E. Constable	Jul.15,1963 Sep.13,1961	6 5 1/2	6 3	28 35	25 20	"	D D,S	Brown clay 12;blue clay 27;shale 33. Water at 32. Tobacco 4;blue clay 33;coarse gravel 42. Water at 42.
Paris	"		C. Thompson	G.J. Wallis	Jun.29,1961	6	15	70	40	"	D	Brown soil stones 4;cemented gravel 45;gray clay 94;running fine sand 98;fine sand gravel 97. Water at 96 1/2.
Paris	"		E.H. Cronble	G. Warren	Sep.28,1961	5	5 1/2	22	20	"	D,S	Stones boulders 24;gravel 25;cemented gravel 26. Water from 24 to 25.
Paris	"		M. Croone	J. Stefan	Jun.21,1962	4	10	50	46	"	D	Coarse gravel 34;fine gravel 52;fine sand 67;blue clay 80; medium sand 85;medium gravel 87. Water at 85.
Paris	"		A. Miles	"	Nov.23,1962	4	5	100	99	"	D	Old well 55;soft silty sand 80;soft blue clay 110;hard stony clay 119;medium gravel 120. Water at 119.
Paris	"		G. Groome	J. Wickett	Oct.16,1963	5	10	90	57	"	D	Coarse gravel 52;gray sand 68;blue clay 98;fine gravel 102. Water at 98.
South Dumfries	lot 1		G. Steedman	W. Packham	Feb.29,1960	7	5	140	77	Fresh	D	Gray clay 20;gray silty sandy clay 142;limestone 150. Water at 144.
Con I	"	1	A. Norman	"	Jan.18,1961	6	20	45	30	"	D	Old dug well 65;silty clay 128;limestone 135. Water at 133.
Con I	"	1	F. Barton	"	Feb.25,1961	6	1	150	45	"	D	Gray clay 25;sandy silty clay 122;limestone 150. Water at 135.
Con I	"	1	R. Hermonston	"	Oct.28,1961	6	10	110	90	"	D	Clay 30;sandy clay 132;limestone 140. Water at 135.
Con I	"	1	J.S. Curry	"	Aug.29,1963	6	15	140	95	"	D	Clay loam 15;soft gray clay 95;red brown sand 135;gray clay 139;limestone 150. Water at 144.
Con I	"	5	D. Hunks	"	Oct.31,1961	6	10	110	95	"	D	Light brown loam 15;sandy brown loam 90;blue clay 123; limestone 139. Water at 136.
Con I	"	5	W. Misener	"	Feb.1,1963	6	15	75	65	"	S	Clay 70;silty clay 125;sand 130;sand gravel 133. Water at 133.
Con I	"	6	D. Goodbrand	"	Nov.27,1963	6	6	150	65	"	S	Clay 15;soft silty clay 150;rock 152;clay sand 153;rock 215. Water at 170 and 205.
Con I	"	7	A. Davidson	H. Johnson	Sep.25,1963	36	5	64	64	"	D	Hard brown clay 15;brown hardpan sand 60;gray fine sand 64;medium coarse gray sand red sand 72. Water at 64.
Con I	"	9	G. Heidinger	E. Stewart	Aug.7, 1963	5	15	30	2	Miner-1	D	Yellow clay loam 10;blue clay 90;brown limestone shale 102; brown limestone 125;gray limestone 128. Water at 128.
Con I	"	10	J. Webster	W. Packham	Jul.29,1961	6	8	170	54	Fresh	D	Clay 30;silty clay 85;clay gravel 95;clay 150;limestone 150. Water at 170.
Con I	"	12	D.E. Firth	I. Davis	Aug. 4,1961	6	8	75	30	"	D	Blue clay 80;limestone 153. Water at 150.
Con I	"	26	J.D. Sager	J.L. Graham	Mar.16,1960	6	8	130	123	"	D	Clay conchall 4;loose gravel boulders 24;herbman boulders 40; loose gravel 85;blue clay small gravel 124;blue rock 165. Water from 160 to 165.
Con II	"	1	Braeside Camp	W. Packham	Apr.13,1962	6	25	115	111	"	P	Sandy loam 15;stones gravel 20;sandy clay gravel 50;stones 60; blue clay 140;sand gravel 147. Water from 140 to 147.
Con II	"	8	M. Stobbs	I. Davis	Oct.25,1960	5	10	44	19	"	D	Brown clay stones 45;herbman 50;fine gravel 72. Water at 50.
Con II	"	10	P. Lyon	H. Johnson	Sep.18,1963	36	5	21	25	"	D	Brown clay loam 6;brown sand 22;brown sand 24;herbman shale stone 26;coarse gravel sand 28;sand 37;gray fine sand 39. Water at 25.
Con II	"	12	St. George	W. Packham	Apr.29,1960	7	20	15	4	"	C	Brown clay 30;silty clay 108;limestone 115. Water at 112.
Con II	"	12	V. Turnbull	S. Gill	Jul.28,1961	6	8	70	40	"	D	Clay 30;sandy clay 140;gray rock 150. Water at 145.
Con II	"	12	W. Osborn	D. Thompson	Mar.7,1962	5	2	15	15	"	D	Yellow clay 20;blue clay sand 83;sand gravel 140;gray limestone 150. Water at 149.
Con II	"	13	Dept. of Highways	F. Ince	Dec.11,1962	6	20	60	30	"	P	Brown clay 15;blue clay 95;micksand 117;gray limestone 142. Water at 140.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY - cont.										
South Dumfries - cont.										
Con II lot 14	H.B. Buchanan	H. Johnson	Jun. 10, 1963	36	10	15	12	Fresh	D	Sand 12; clay silt 20; Water at 12.
Con II lot 15	"	W. Packham	Aug. 3, 1961	6	1	165	15	"	D	Sandy loam 10; sandy clay 130; limestone 165; Water at 150.
Con II lot 18	I. Plomley	L.E. Shantz	Aug. 8, 1960	7	5	81	14	"	D	Topsoil 1; light brown sandy clay 36; silty sandy clay 68; clay gravel 118; silty sandy clay 162; hard grey rock 251; Water from 200 to 251.
Con II	W. Dan Barker	"	Dec. 15, 1961	5	15	110	99	"	D	Clay 8; stones 17; gravel 38; brown clay 91; clay gravel 114; blue shale 118; Water from 114 to 118.
Con III	R.E. Lee Paint Co. Ltd.	I. Davis	Jun. 24, 1961	6	10	30	15	"	In	Hardpan stones 160; shale 176; Water at 175.
Con III	S. Hovey	F. Ince	Jun. 3, 1963	6	8	Flows	Flows	"	D	Brown clay 6; sandy clay 30; medium gravel 39; Water at 39.
Con III	L. McVicar	S. Gail	Jan. 4, 1961	6	15	70	60	"	D	Clay boulders 30; fine sand 50; gravel fine sand 115; fine sand 118; gravel 120; Water at 120.
Con III	N. Burch	F. Ince	Aug. 7, 1962	6	8	74	62	"	D	Brown clay 15; stones hardpan 35; cement gravel 80; gravel 84; Water at 80.
Con III	P. Newman	S.W. Merritt	Jul. 17, 1963	5	10	75	72	"	D	Old well 50; stones coarse gravel 95; sand quicksand 160; hard packed sand 170; fine gravel 176; Water at 174.
Con III	R.T. Sales	L.C. Shantz	Aug. 1, 1963	7	15	140	99	"	D, S	Silty sandy clay 174; coarse sand 184; Water from 174 to 184.
Con IV	J. Wait	W. Packham	Apr. 2, 1960	7	7	70	30	"	D, S	Brown clay 2; silty clay 115; limestone 123; Water at 120.
Con IV	H. Brubaker & D. Waters	"	Dec. 19, 1963	6	20	160	100	"	D, S	Sand stones 6; sand clay 90; dry sand 110; fine quicksand 205; sandy clay 218; gravel 220; Water at 220.
Con IV	K.R. Beckett	Hadco Well Digging	Nov. 28, 1960	30	8	27	13	"	D	Topsoil 1; brown sandy clay 14; grey sand 26; gravel boulders 28; Water at 14 and 26.
Con IV	S. Brown	W. Packham	Jan. 17, 1962	6	15	110	105	"	D	Sandy clay 30; silty clay 50; hard clay gravel 128; gravel 130.
Con IV	H. McComb	"	Apr. 18, 1963	6	10	185	124	"	D, S	Pit 5; sandy clay 75; stones dry gravel 100; clay 185; broken stones gravel 190; bedrock 203; Water at 190.
Con IV	D. Gallies	D. Thompson	Feb. 20, 1962	4	5	22	22	"	D	Light sandy soil 2; fine coarse gravel 51; fine sand 56. Water from 51 to 56.
Con IV	J.M. Maus	C. & H. Kerr	Sep. 13, 1962	5	10	110	56	"	D	Clay 20; clay marl 45; clay gravel 109; gravel 113; Water at 111.
Con V	T.M. Taylor	J.L. Graham	Sep. 22, 1960	7	9	80	Flows	"	D	Clay hardpan 10; fine light brown sand 10; soft brown clay 80; stony hardpan 90; blue brown rock 112; dark grey rock 124; Water at 124.
Con V	W. Taylor	H. Johnson	Jun. 27, 1963	36	5	14	9	"	D	Sand 17; clay 30; Water at 9.
Con V	G.A. Pletzer	W. Packham	Jul. 12, 1963	6	35	40	Flows	"	D	Old well 8; sandy silty clay 95; sand gravel clay 100; fine gravel clay 110; gravel 112; Water at 112.
Con V	W.R. McComb	"	Feb. 6, 1962	6	15	170	160	"	S	Old well 30; sandy clay gravel 118; gravel stones 145; clay gravel 185; gravel 190. Water from 185 to 190.
Con V	J. Malcolin	C. Shantz	Nov. 6, 1962	7	12	122	120	"	D, S	Boulders clay 40; sandy clay 100; boulders sand 140; sand gravel 170; gravel sand 175. Water at 176.
Con V	N. McCre	W. Packham	Nov. 21, 1963	6	20	75	70	"	D, S	Stones gravel sandy loam 70; coarse stone gravel 110; sand 115; coarse gravel 118. Water at 118.
Con V	K.H. Rapsey	J.L. Graham	Aug. 13, 1960	6 1/2	4	190	187	"	D	Clay gravel boulders 71; cemented sand 140; hardpan 202; gravel 207. Water from 203 to 207.
Con V	S. Perriman	C. Shantz	Dec. 1, 1961	5	18	107	85	"	D, S	Old well 27; clay gravel 41; silty sandy clay 92; silty sand 118; fine gravel 127; Water from 118 to 127.
Con V	J. Faus	"	Dec. 31, 1963	7	8	165	163	"	D, S	Old well 57; clay gravel 100; sandy clay gravel 150; sandy clay 225; hard clay 231; grey rock 301. Water from 291 to 301.
Con VI	G. Donkers	W. Packham	Aug. 28, 1963	6	4	70	18	"	D, S	Clay 8; soft silty yellow clay loam 29; limestone 75. Water at 75.
Con VI	A. Girard	S. Gail	Nov. 18, 1963	6	10	55	30	"	D	Blue clay 42; grey rock 75; Water at 73 and 75.
Con VI	A.B. Lewis	W. Packham	Aug. 30, 1963	6	17	60	28	"	D, S	Soft clay 61; limestone 77. Water at 67.
Con VI	J. Ross	Hadco Well Digging	Oct. 5, 1962	30	3	29	16	"	S	Topsoil 1; yellow sand 4; brown clay 12; grey clay 18; grey sand 26; red sand 30. Water at 18.
Con VI	C. Deady	"	Jul. 18, 1962	30	2	45	36	"	D	Topsoil 1; brown sandy clay 14; grey clay 36; brown clay gravel 41; brown sandy clay 45. Water at 45.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRANT COUNTY — cont.										
Tuscarora Twp. — cont.	Six Nations	F. Ince	Aug. 12, 1961	6	10	67	30	Fresh	P	Brown clay 3; grey clay 71; grey shale 72. Water at 71.
Con II lot 25	Indian Affairs	"	Nov. 23, 1960	6	29	70	32	"	P	Brown loam 2; blue clay 78; grey shale 85. Water at 85.
Con II " 30	S.S. # 3	"	Nov. 22, 1960	6	27	72	34	"	P	Brown loam 2; blue clay 61; grey shale 63. Water at 63.
Con II " 19	Rev. 13.	R. Peatierstone	Jun. 13, 1960	4	8	40 1/2	34 1/2	"	D	Yellow clay 17; blue clay 53; hardpan 61; blue grey shale 67 1/2. Water at 61.
Con IV " 19	Odenahl	F. Ince	Apr. 20, 1962	6	20	43	30	"	P	Brown clay 5; blue clay 51; grey shale 63. Water at 60.
Con V " 1	Cromar Const	I. Davis	Dec. 8, 1961	6	2	25	10	"	P	Brown hardpan stones 45; limestone 65. Water at 63.
Con V " 6	Appt. Ing. S. 6	F. Ince	Jun. 18, 1962	6	20	40	30	"	P	Brown clay 6; blue clay 38; shale 60. Water at 58.
Con V " 24	Six Nations	J. Wickett	Dec. 5, 1963	5	1	90	55	Sulphur	D, S	Brown clay 22; blue clay 45; gravel 69; grey limestone 90. Water at 75.
Con VI " 4	T. Elliott	D. Thompson	Jun. 10, 1961	4	3	25	15	"	D	Yellow clay 18; blue clay 34; hardpan stone 42; shale hardpan gypsum 59; shale 60; brown limestone shale 68. Water from 67 to 68.
RR " 13	S. Green	J. Wickett	Oct. 2, 1963	5	15	28	28	Fresh	D, S	Yellow clay 24; gravel 27; hardpan 36; grey limestone 40. Water at 37.
RR " 21	A. Clench	F. Ince	Aug. 4, 1962	6	10	45	20	Gas	D	Old well 17; blue clay 50; shale 51. Water at 50.
RR " 25	S.S. # 10	"	Nov. 24, 1960	6	25	53	30	Fresh	P	Brown loam 2; blue clay 66; grey shale 68. Water at 68.
RR " 27	R. C. Garlow	R. D. Peatierstone	Jun. 23, 1960	4	8	57	52	"	D	Yellow clay 14; blue clay 84; blue clay stones 99; sand 102. Water at 99.
RR " 34	J. Hill	F. Ince	Jul. 18, 1960	6	6	90	58	"	D	Dug well 25; grey shale 40; brown hardpan clay 93; medium gravel 94. Water at 93.
RR " 44	E. Moses	"	Sep. 21, 1962	6	8	55	25	"	D, S	Dug well 30; blue clay 60; gravel 62. Water at 62.
RR " 55	M. Jamieson	I. Davis	Jun. 24, 1961	6	5	75	70	"	D	Blue clay 69; gravel 90; shale 100. Water at 99.
BRUCE COUNTY										
Albemarle Twp. — cont.	A. White	L. & A. Wright	Oct. 26, 1962	5	18	80	33	Fresh	D, S	Gravel 3; clay stones 27; grey limestone 118. Water at 60 and 115.
BRE Con II lot 25	"	"	"	"	"	"	"	"	"	"
BRE Con III " 18	G. Cochran	R. & S. Wright	Oct. 9, 1963	4	1	24	5	"	D	Topsoil 2; grey limestone 24. Water at 20.
BRE Con III " 23	C. Turfhal	D. Wright & Sons	Apr. 22, 1961	4	10	15	5	"	D	Clay 4; brown limestone 36. Water at 32.
BRE Con III " 27	Col. E. F. Hamilton	"	Apr. 14, 1961	5	30	30	3	"	C	Clay 2; grey limestone 113. Water at 60 and 95.
BRE Con III " 27	Pentecostal Assemblies	"	Apr. 20, 1961	5	30	35	4	"	P	Clay gravel boulders 12; brown limestone 108. Water at 60 and 100.
BRE Con III " 28	C. Wader	R. & S. Wright	Oct. 23, 1961	4	2 1/2	50	5	"	D	Topsoil clay 12; grey limestone 35; blue limestone 57. Water at 57.
BRE Con V " 25	V. Uresaki	D. Wright & Sons	Apr. 30, 1960	4	10	40	3	"	D	Limestone 72. Water at 40.
BRE Con V " 25	W. Dodson	"	May 7, 1960	4	10	30	2	"	D	Limestone 76. Water at 40 and 72.
BRE Con V " 25	J. Heid	"	Aug. 1, 1960	4	15	35	1	"	D	Loam 1; grey limestone 58. Water at 50.
BRE Con V " 25	H. Roth	"	Sep. 19, 1962	4	5	8	6	"	C	Grey limestone 65. Water at 60.
BRE Con V " 25	G. Given	"	Sep. 23, 1962	5	5	80	Flows	"	C	Grey limestone 64. Water at 55.
BRE Con V " 25	R. Roth	"	May 1, 1963	5	10	35	"	"	P	Loose layer limestone 25; solid limestone 64. Water from 50 to 60.
BRE Con V " 26	M. Hanson	"	Jul. 22, 1963	5	5	67	4	"	D	Hardpan 10; hard limestone 67. Water from 40 to 65.
BRE Con V " 27	G. Slingerland	"	Jun. 8, 1962	5	1	65	5	"	D	Clay boulders 10; limestone 69. Water from 35 to 65.
BRE Con VII " 32	F. Pruder	"	Jul. 12, 1961	5	12	52	52	"	D	Clay boulders 12; grey limestone 60; brown limestone 72. Water at 66.
BRE Con VII " 34	C. Walcher	"	Aug. 15, 1962	5	1 1/2	120	45	"	D	Previously drilled 70; brown limestone 100; blue shale 107; red shale 130. Water at 50 and 90.
BRE Con VII " 35	M. G. Breckshaw	"	May 26, 1961	5	10	40	28	"	D	Grey clay gravel streaks 80. Dry shale.
BRE Con VII " 35	P. A. O. Parv	R. & S. Wright	May 26, 1961	5	10	40	28	"	D	"

Albemarle Twp. - cont.	Lot	Owner	Date	Acres	Mineral	Notes
BRW Con VII lot 35	5	T. Riley	Jun. 20, 1963	6	35	Clay stones 80; gravel 105; red shale 110. Water at 105.
BRW Con VII lot 35	10	L. & A. Wright	Apr. 13, 1961	10	15	Shale 9; grey limestone 92. Water at 86.
BRW Con VII lot 35	4	D. Wright & Sons	Oct. 7, 1961	10	15	Formerly drilled limestone 32; limestone 83. Water at 83.
BRW Con VII lot 35	10	R. & S. Wright	Oct. 7, 1961	10	15	Soll 63; white limestone 48. Water at 40.
BRW Con VII lot 35	10	T. Cunningham	May 10, 1961	48	21	Tossoli 3; grey limestone 47. Water at 47.
BRW Con VII lot 35	10	R. & A. Wright	Sep. 22, 1962	3	25	Clay 6; brown limestone 55; blue shale 60; red shale 115.
BRW Con VII lot 35	1	W. Crawford	Aug. 13, 1962	1	100	Water at 40 and 90.
BRW Con VII lot 35	1	D. Wright & Sons	Aug. 13, 1962	1	100	Previously drilled 22; grey limestone 108. Water at 100.
BRW Con XI	5	"	Oct. 23, 1962	10	32	Tossoli 1; brown limestone 111; blue shale 117; red shale 135.
BRW Con XI	5	G. Gilbert	Nov. 29, 1961	1	132	Water at 65 and 130.
BRW Con XII	11	J. Urbehott	Nov. 29, 1961	1	132	Tossoli 3; grey limestone 103; brown limestone 108. Water at 103.
BRW Con XIII	24	C.H. Gilbert	Oct. 31, 1962	5	80	Tossoli sand clay 4; grey limestone 60; brown limestone 75.
BRW Con XIV	23	D.D. Wright	Oct. 15, 1963	6	10	Water at 70.
BRW Con XIV	26	"	Jun. 29, 1963	5	150	Hard white limestone 120; hard blue shale 150. Water at 43 and 100.
BRW Con I	14	B. Cleary	Oct. 17, 1962	49	20	Stones clay 4; dark rock 49. Water at 48.
BRW Con I	21	G. Filson	Jun. 29, 1963	5	72	Sand 30; clay stones 40; grey limestone 72. Water at 60.
BRW Con I	18	M.O. Fisher	Jun. 9, 1960	12	35	Sand 35; blue clay 40; grey limestone 75. Water at 70.
BRW Con IV	18	D. Symons	May 24, 1962	4	20	Sand 35; broken limestone 12; solid grey limestone 65. Water from 55 to 60.
BRW Con IV	18	S. Hamilton	Aug. 6, 1962	4	10	Sand 20; brown limestone 64. Water from 50 to 60.
BRW Con IV	18	J. Brokenshire	Aug. 22, 1962	4	10	Sand 12; brown limestone 64. Water from 50 to 60.
BRW Con IV	19	J. Budge	Nov. 1, 1960	4	12	Sand 6; grey limestone 60. Water from 50 to 55.
BRW Con IV	19	C. Peacock	Apr. 28, 1962	5	72	Sand 15; broken limestone 28; solid limestone 91. Water from 70 to 84.
BRW Con IV	19	P. Bearman	Jun. 2, 1962	4	25	Loose limestone 22; solid limestone 63. Water at 58.
BRW Con IV	19	L. Lamb	Jun. 12, 1962	4	5	Clay 4; loose limestone 20; limestone 63. Water at 55.
BRW Con IV	19	H. McNaught	May 13, 1963	5	50	Sand broken limestone 15; limestone 65. Water from 40 to 60.
BRW Con IV	20	J. Close	Dec. 19, 1960	4	12	Loam 3; brown sandstone 60. Water at 55.
BRW Con IV	20	V. Rydell	May 15, 1962	5	1	Sand 20; limestone 91. Water from 70 to 75.
BRW Con V	12	H. Reis	May 29, 1962	4	20	Tossoli 2; grey limestone 6; black hard limestone 101. Water at 72 and 101.
BRW Con V	12	R. Davis	Sep. 29, 1962	4	5	Tossoli 2; grey limestone 30; hard grey slaty limestone 83.
BRW Con V	13	L.I. Hunter	Nov. 2, 1961	4	15	Water at 83.
BRW Con V	15	A.J. Tyson	Oct. 25, 1963	4	5	Tossoli 1; grey limestone 60; hard dark limestone 90. Water at 60 and 90.
BRW Con V	16	S.M. Currie	May 15, 1962	4	10	Stones hardpan 10; hard grey clay 34; hardpan stones 39; white limestone 40; grey limestone 83. Water at 83.
BRW Con V	20	J.R. Webb-Smith	May 18, 1963	4	2	Brown limestone 75. Water from 45 to 70.
BRW Con V	25	S. Adis & Galloway	Jun. 8, 1960	2	3	Tossoli 2; white limestone 65; grey limestone 90. Water at 65 and 90.
BRW Con V	25	R.L. Cassels	Jun. 2, 1961	5	12	Sort brown limestone 118. Water at 108.
BRW Con V	26	A. Murray	May 30, 1963	5	19	Broken rock 6; white limestone 60; brown rock 80; white limestone 100. Water at 90.
BRW Con V	26	M. Berg	Aug. 18, 1962	5	12	Sand 8; grey limestone 72. Water at 65.
BRW Con V	27	A. Bennett	May 16, 1963	5	14	Soll 1; brown rock 94; blue rock 96. Water at 94.
BRW Con VI	8	C. Gollert	Jun. 11, 1960	5	18	Brown limestone 100; white limestone 135. Water at 120.
BRW Con VI	8	B. Hardman	May 1, 1962	5	12	Loose stones 1; limestone 47. Water at 45.
BRW Con VI	8	B. Hardman	May 1, 1962	5	12	Slaky rock 3; bedrock brown limestone 54. Water from 50 to 54.
Amabel Twp. Con A	lot 7	G. Robinson	Sep. 18, 1962	5	15	Grey clay small stones 18; boulders clay 38; fine sand stones 62. Brown limestone 84. Water at 78.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
Amabel Twp. - cont.										
Con A lot	L. Wormington	D. Wright & Sons	Sep. 18, 1962	5	10	19	12	Fresh	D	Clay hardpan 27; gravel 30; brown limestone 121. Water at 115.
" 10	Con A	"	Nov. 16, 1963	5	10	5	4	"	D	Clay boulders 43; limestone 137. Water from 80 to 90 and from 130 to 135.
" 11	N. Mickson	G. L. Davidson	Jun. 5, 1961	4	15	60	38	Sulphur	P	Topsoil 11; stony hardpan sand 14; boulders hardpan 182; sand gravel 183; hardpan 187; grey shale 199; grey hard rock 209. Water at 209.
" 19	Birchcrest Property Ass.	D. Wright & Sons	Oct. 13, 1962	5	10	27	12	Fresh	D, S	Soft sandy clay 40; sand gravel 65; grey limestone 108. Water at 100.
" 25	P. Carson	"	Jun. 12, 1962	4	1	90	40	"	D	Sand 25; hardpan boulders 60; brown limestone 103. Water from 80 to 90.
" 32	C. Smith	"	Jun. 8, 1960	4	6	80	30	"	D	Gravel stones 40; sand 60; quicksand 88; clay sand 101; hardpan boulders 174; gravel 176; quicksand 203; broken limestone 218. Water at 175 and from 210 to 218.
" 4	E. Dickinson	"	Jul. 24, 1961	5	10	30	20	"	C	Brown sand 30; clay sand 100; black gravel 106; brown limestone 120. Water at 115.
" 25	M. Wagner	"	Jul. 12, 1963	5	7	22	12	"	C	Sand 12; soft clay 35; gravel 38; brown limestone 61. Water at 55.
" 26	J. D. Burnie	"	May 27, 1963	5	8	50	5	"	D	Sand 20; clay 44; brown limestone 71. Water from 60 to 65.
Con D	T. Harris	A. Loucks	May 18, 1963	5	5	25	6	"	D	Beach sand 22; limestone 40. Water from 35 to 40.
Con D	R. Robinson	D. Wright & Sons	Jun. 2, 1962	5	10	12	11	"	D	Sand 18; hardpan 28; limestone 59. Water at 35 and 55.
Con D	F. Lenz	"	Jul. 20, 1962	5	10	20	6	Sulphur	C	Sand 28; brown limestone 60. Water at 40 and 55.
Con D	B. Jahnke	"	Jul. 11, 1960	4	15	15	Flows	Fresh	D	Sand 12; brown limestone 48. Water at 40.
Con D	J. Gadden	"	Jul. 18, 1960	4	15	8	10	"	D	Sand 10; limestone 51. Water at 45.
Con D	A. W. Lapointe	R. & S. Wright	Apr. 10, 1961	4	10	30	10	"	D	Shore sand 5; sand gravel 15; hard clay stones 28; grey limestone 29; brown limestone 66. Water at 66.
Con D	W. J. Butler	D. Wright & Sons	Jun. 17, 1961	4	10	15	12	"	D	Sand 25; grey clay 27; grey brown limestone 57. Water from 50 to 55.
Con D	T. Seaman	L. & A. Wright	Apr. 28, 1960	5	10	53 1/2	10	Sulphur	D	Limestone 53 1/2. Water at 40.
Con D	R. Sparrow	"	May 24, 1960	5	18	52	5	Fresh	D	Sand 1; stones clay 12; limestone 52. Water at 50.
Con D	D. C. Roberts	"	Jun. 7, 1960	5	4	30	5	"	D	Sand 1; limestone 50. Water at 46.
Con D	W. J. Bearinger	D. Wright & Sons	Apr. 15, 1961	4	10	10	10	"	D	Brown limestone 73. Water at 45 and 68.
Con D	E. B. Gash	R. & S. Wright	May 6, 1961	4	8	8	0	Sulphur	D	Sand 15; limestone 56. Water at 55.
Con D	D. Armstrong	D. Wright & Sons	Aug. 5, 1961	5	10	14	1 1/2	Fresh	D	Clay silty sand 14; brown limestone 55. Water at 45.
Con D	T. Leizmar	L. & A. Wright	May 28, 1963	5	12	55	Flows	"	D	Sand 3; clay 15; dark limestone 84. Water at 50.
Con D	G. Hunter	"	Jun. 7, 1962	5	12	54	10	"	D	Sand 8; brown limestone 84. Water at 80.
Con D	R. Stewart	R. & S. Wright	Jun. 6, 1961	4	10	5	4	Sulphur	D	Soil sand 3; grey limestone 65. Water at 61.
Con D	H. C. McCallum	L. & A. Wright	Apr. 24, 1961	5	12	60	5	"	D	Soil 1; dark limestone 60. Water at 55.
Con D	G. Bud	R. & S. Wright	Jun. 16, 1962	4	40	5	5	"	D	Shore sand 6; clay 7 1/2; grey limestone 50; blue limestone 72. Water at 50 and 72.
Con D	T. M. Windsor	"	Jul. 13, 1961	4	5	60	10	"	D	Sand clay 18; limestone 65. Water from 50 to 60.
Con D	F. Angus	D. Wright & Sons	May 17, 1963	5	2	55	4	Fresh	D	Clay stones sand 8; brown limestone 45. Water at 42.
Con D	B. Geddis	R. & S. Wright	Jun. 17, 1963	5	12	18	2	"	D	White limestone 15; grey limestone 51. Water at 48.
Con D	E. Brulox	D. Wright & Sons	Jun. 29, 1963	5	15	18	18	"	D	Sand 12; brown limestone 55. Water at 50.
Con D	J. Mills	R. & S. Wright	Jul. 4, 1963	5	10	11	Flows	"	D	Sand clay 3; grey limestone 55; white limestone 55. Water at 55.
Con D	R. L. Hopkins	L. & A. Wright	May 30, 1960	5	12	20	2	Sulphur	D	Sand 4; clay stones 15; limestone 41 1/2. Water at 37.
Con D	F. M. Cook	"	Jun. 3, 1960	5	12	40 1/2	2	Fresh	D	Sand 3; clay 7; limestone 41. Water at 38.
Con D	C. Tyndall	"	Aug. 3, 1960	5	12	41	5	"	D	Sand 3; clay stones 10; limestone 57 1/2. Water at 50.
Con D	G. M. Rahne	D. Wright & Sons	Jul. 1, 1961	4	12	57 1/2	12	Sulphur	D	Previously drilled 22; grey brown limestone 63. Water at 55.
Con D	R. Allan	"	May 23, 1963	5	2	50	3	Fresh	D	Sand clay 14; brown limestone 64. Water from 55 to 60.
Con D	J. Brooks	R. & S. Wright	Jun. 20, 1963	4	5	50	3	"	D	White limestone 20; light brown limestone 105; dark brown limestone 120. Water at 58.
Whisky Island	T. D. Kennedy	"	Jun. 26, 1963	4 1/2	4 1/2	40	8	"	D	White limestone 20; brown limestone 45; blue limestone 63.
Whisky Island	D. Casey	"		4 1/2	4 1/2	40	8	"	D	

BRUCE COUNTY - cont.

Amabel Twp. - cont.

Ashebl Con I	Typ. - cont.	lot 18	L. Cruickshank	G.L. Davidson	Jun. 5, 1962	4	16	50	40	Fresh	D	
Con VI	"	2	G. Huehn	L. & A. Wright	May 17, 1961	5	18	48	9	"	D	Sand gravel 78; clay 9; stony hardpan 152; sand 179; brown shale 194; brown limestone 198; buff limestone 223. Water at 223.
Con VI	"	9	J. Busk	R. & S. Wright	Aug. 1, 1963	5	15	40	13	"	D, S	Soil 51; clay stones 22; hard black rock 48. Water at 40. Sandy soil 8; brown clay stones 24; grey clay stones 36; grey limestone 75; dark grey limestone 80. Water at 75.
Con IX	"	7	T. Seaman	D. Wright & Sons	Jun. 14, 1961	4	10	16	15	"	D, S	Clay sand 16; hard black limestone 65. Water at 58.
Con IX	"	14	D. Elythe	"	Jul. 6, 1962	5	10	8	8	"	D, S	Hardpan 57; dark limestone 73. Water at 68.
Con IX	"	15	A. Forbes	"	Aug. 14, 1961	5	15	30	20	"	D, S	Sandy clay 30; gumbo clay 60; large stones gravel 75; grey sandstone limestone 138. Water at 100 and 130.
Con IX	"	16	R. McComb	"	Dec. 27, 1963	4	5	35	22	"	D, S	Sand 55; jumbo clay 96; limestone 180. Water from 168 to 172.
Con IX	"	19	W. Clary	G.L. Davidson	Mar. 8, 1960	4	5	98	2	"	D, S	Sand 18; quicksand 38; marl 58; dirty gravel 64; soft shale 68; hard limestone 164. Water at 68 and 164.
Con XII	"	11	W. Bumstead	D. Wright & Sons	Mar. 16, 1963	5	12	28	22	"	D, S	Sand 38; hard limestone 101; Water from 80 to 93.
Con XVII	"	7	S.S. # 4	"	Jun. 23, 1960	4	15	30	15	"	P	Previously drilled 32; grey limestone 93. Water from 40 to 90.
Con XIX	"	6	D. Hill	R. & S. Wright	Sep. 10, 1960	4	7	102	25	"	D, S	Clay stones 45; limestone 102. Water at 30.
Con XX	"	15	A. Lewis	L. & A. Wright	Aug. 4, 1963	4	15	14	12	"	D	Gravel boulders 7; limestone 51. Water at 46.
Con XX	"	15	R. Marti	D. Wright & Sons	Aug. 8, 1960	4	15	10	8	"	D	Gravel boulders 6; limestone 48. Water at 42.
Con XX	"	15	T. Service	"	Aug. 12, 1960	4	12	30	5	"	D	Gravel boulders 8; limestone 52. Water at 47.
Con XX	"	15	T. Clarke	"	May 3, 1961	4	10	10	6	"	D	Clay 4; brown limestone 52. Water at 48.
Con XX	"	15	J. Westhepel	"	Jul. 12, 1961	4	10	18	12	"	D	Grey brown limestone 53. Water at 49.
Con XX	"	15	E. Faubert	"	Jul. 11, 1963	5	10	15	8	"	D	Gravel hardpan 4; grey limestone 50. Water at 45.
Con XXI	"	1	H.W. Jonch	R. & S. Wright	Jul. 18, 1960	4	5	50	15	"	D	Topsoil 5; sandy clay 25; hardpan stones 38; hard grey clay 42; grey limestone 50; blue limestone 70. Water at 70.
Con XII	"	1	I. Connors	D. Wright & Sons	Oct. 27, 1962	5	2	75	18	"	D	Clay Gravel sand 68; limestone 83. Water from 78 to 80.
Con XII	"	21	E. Brown	"	Jun. 5, 1963	5	1	85	22	"	D	Gravel 6; hardpan 40; brown limestone 85. Water at 63.
Con XII	"	21	W.E. Brown	"	Nov. 14, 1960	5	1	90	23	"	D	Gravel 8; hardpan 12; brown limestone 135. Water at 70.
Con XII	"	32	A. Perry	"	Oct. 27, 1960	4	3	60	6	"	D	Broken rock 15; limestone 70. Water at 65.
Con XII	"	3	B. Watson	L. & A. Wright	Oct. 16, 1961	5	2	70	15	"	D	Hard grey limestone 52; hard blue limestone 86. Water at 80 and 86.
Con XIII	"	6	C. Babbles	R. & S. Wright	Jun. 16, 1961	5	5	45	40	"	In	Clay stones 10; limestone 70. Water from 40 to 65.
Con XIII	"	22	E. Roberts	D. Wright & Sons	Jun. 12, 1963	5	5	18	8	"	D	Clay stones 8; limestone 70. Water from 45 to 65.
Con XIII	"	22	W. McMan	"	Jun. 15, 1963	5	5	20	8	"	D	White limestone 20; Water at 20.
Con XIV	"	19	W. Moore	R. & S. Wright	Aug. 22, 1961	4	10	15	5	"	D	Sand 10; clay 28; grey limestone 100. Water at 95.
Con XIV	"	26	J. Doucett	D. Wright & Sons	Jul. 7, 1960	4	10	6	"	Floes	D	Sandy silty clay 17; brown limestone 60. Water at 57.
Con XIV	"	26	A. Thompson	"	Oct. 11, 1961	5	10	2	"	"	D	Pine shere sand 16; stones grey clay 22; grey limestone 36. Water at 35.
Con XIV	"	26	J. Newey	R. & S. Wright	Aug. 14, 1962	4	20	25	3	"	D	Clay 5; limestone 105; blue shale 112; red shale 125. Water from 60 to 70.
Con XV	"	2	T. Knight	D. Wright & Sons	Oct. 15, 1960	5	2	115	40	"	D	Limestone 99. Water at 90.
Con XV	"	28	L.W. McCreary	L. & A. Wright	May 10, 1960	5	18	99	6	"	D	Topsoil 6; grey limestone 71. Water at 65.
Con XV	"	49	D. Hall	D. Wright & Sons	Jun. 16, 1960	4	6	60	6	"	D	Loam 1; limestone 51. Water at 45.
Con XV	"	58	P. Ottewell	H.M. Preston	Sep. 13, 1960	4	10	12	6	"	D	Sandy clay 21; bedrock 108. Water at 45.
OTF	"	"	W.T. Preston	"	Apr. 28, 1961	1 1/2	1	10	"	Floes	D	Shore sand 12; stones sand 18; fine sand clay 35; blue clay stones 40; grey limestone 103. Water at 103.
OTF	"	"	J. Buchanan	R. & S. Wright	Aug. 5, 1962	4	10	80	15	"	D	Sand clay 12; brown limestone 58. Water from 50 to 55.
OTF	"	"	F. Windsor	D. Wright & Sons	Jun. 15, 1962	4	10	12	6	"	D	Sand 8; clay 20; gravel 25; brown limestone 58. Water from 48 to 56.
OTF	"	"	D. O'Hourke	"	Aug. 10, 1962	5	5	25	2	"	D	Sand 4; clay stones 13; limestone 55. Water at 50.
OTF NE	"	lot 1	J.A. Buchanan	L. & A. Wright	May 26, 1960	5	5	55	5	"	D	Sand 8; hardpan 26; grey limestone 80. Water from 65 to 75.
OTF NE	"	"	W.A. Gingle	D. Wright & Sons	Jul. 16, 1960	4	10	20	0	"	D	Sand 12; limestone 60. Water at 50.
OTF NE	"	"	R. McSkimming	L. & A. Wright	Apr. 28, 1962	5	4	60	6	"	D	Sand 4; clay stones 12; limestone 61. Water at 55.
OTF SE	"	"	G. Sneltinger	"	May 21, 1963	5	5	21	6	"	D	Sand 4; hardpan 15; brown bedrock 60. Water at 48.
OTF SE	"	"	S. Holland	"	Jun. 13, 1963	5	12	20	"	Sulphur	D	Topsoil 10; hard clay stones 20; grey limestone 47; blue limestone 80. Water at 80.
SHL	"	"	H. Horton	R. & S. Wright	Aug. 5, 1960	4	10	20	10	Fresh	D	

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
BRUCE COUNTY - cont. Arran Twp.										
Con I lot 12	E. Wolfe	Durham Drilling Enterprises Ltd.	Jun. 19, 1963	4	20	25	18	Fresh	D, S	Topsoil 15 sand 16; gravel 32; hardpan 48; red clay 100; gravel stones 13; brown rock 14; grey limestone 164. Water at 36 and 102. Clay large stones 40; clay small stones and gravel 68; grey rock 74. Water at 71.
Con I " 20	B. Clements	L.H. Weirmler	Aug. 12, 1960	4	7	20	7	"	D, S	Stones clay gravel 56; shale 66; grey rock 164. Water at 176.
Con III " 19	H. Mark	"	May 24, 1961	4	7	45	1	"	D, S	Brown sandy soil 8; sand stones 28; brown limestone 45; grey limestone 75. Water at 45.
Con V " 26	C. Prescott	R. & S. Wright	Nov. 28, 1963	5	15	48	12	"	D, S	Topsoil 11; brown clay 15; sand 37; light brown clay 53; brown limestone 110. Water at 90, 100 and 105.
Con V " 30	B. Ball	L.H. Weirmler	Apr. 12, 1961	4	3	87	74	"	D, S	Clay gravel stones 70; gravel sand stones 125; soft rock 144. Grey rock 19. Water at 199.
Con VI " 26	G. Dix	G.L. Davidson	Feb. 20, 1960	4	4	144	59	"	D, S	Stones hardpan 36; sand gravel 54; stones hardpan 78; sand gravel 98; red shale 102; grey limestone 134; brown limestone 248; grey limestone 182; brown limestone 208; grey limestone 228; light brown limestone 249. Water at 249.
Con VI " 31	A. Silverthorn	R. & S. Wright	Nov. 12, 1963	5	6	155	50	"	D	Brown sandy soil 30; grey clay stones 45; grey sand clay stones 60; grey limestone 105. Water at 80 and 115. Grey limestone 130; brown limestone 185. Water at 185.
Con VII " 29	H. Armstrong	"	Jul. 18, 1962	5	2	75	22 1/2	"	D	Old well 20; limestone 68; white limestone 85. Water at 55.
Con VII " 30	J.A. Neil	"	Oct. 24, 1963	6	5	127	36	"	D, S	Brown sandy soil 6; grey clay stones 40; grey sand stones 45; grey limestone 100; blue limestone 110; brown limestone 135. Water at 50.
Con VIII " 27	H. McDougald	"	Dec. 10, 1963	5	15	26	26	"	D, S	Old well 29; brown sandy clay 54; brown limestone 70; grey limestone 99. Water at 80.
Con IX " 33	A. Gingrich	"	Aug. 21, 1963	5	15	100	30	"	D, S	Old well 32; stones blue clay 56; grey limestone 80; blue limestone 124; brown limestone 132. Water at 80 and 128.
Con XII " 10	R.G. MacNab	G.L. Davidson	Aug. 17, 1960	4	5	170	75	"	D	Sand gravel 73; clay 14; hardpan 23; sand gravel 25; grey rock 270; white rock 317. Water at 317.
Con XII " 35	E. Robinson	R. & S. Wright	Sep. 15, 1962	4	5	80	50	"	D	Topsoil 6; hardpan stones 18; gravel boulders 49; grey limestone 70; blue limestone 105. Water at 102.
ILS " 21	T.L. Graig	"	May 12, 1962	5	18	39	15	"	P	Sandy soil 6; sand stones 35; grey clay 41; brown limestone 80; white limestone 95. Water at 60 and 91.
ILS " 24	C. Peatty	D. Wright & Sons	Sep. 24, 1962	5	10	14	8	"	S	Clay 2; brown limestone 102. Water at 98.
ILS " 27	R. & E. Chebett	R. & S. Wright	Jul. 11, 1963	5	9	52	18	"	S	Sandy soil 18; grey clay 48; rock 50; grey clay 53; limestone 68. Water at 68.
ILS " 28	E. McQuillough	"	Jul. 26, 1963	5	15	100	20	"	D	Old well 13; stones sand 30; silty clay stones 58; grey limestone 130; brown limestone 174. Water at 130 and 170.
ILS " 31	J. Morrow	"	Sep. 28, 1961	5	8	90	15	"	D	Old well 28; hardpan 40; grey clay stones 65; boulders 70; hardpan clay 81; white limestone 109. Water at 109.
Brent Twp.										
Con A lot 23	J. Haper	Durham Drillers	Oct. 12, 1961	4	10	15	4	Fresh	D	Clay stones 25; hard grey rock 70. Water at 68.
Con A " 24	J.D. Webb	E.A. Keeso	Aug. 3, 1963	4	15	38	36	"	D	Dark brown limestone 126. Water from 95 to 104 and from 120 to 126.
Con B " 2	C. Abell	"	Sep. 4, 1962	4	20	42	36	Sulphur	D, S	Old well 26; clay sand 74; clay stones 91; sand boulders 106; brown shale 114; hard grey limestone 176. Water from 173 to 176.
Con B " 5	W. Abell	"	Aug. 17, 1963	4	10	8	Flows	Fresh	D, S	Gravel hardpan 20; clay gravel 49; gravel 71; brown shale 83; grey limestone 96. Water at 96.
Con B " 13	H. Clark	Durham Drillers	Dec. 20, 1961	4	15	60	40	"	C	Topsoil 1; brown clay 15; sand 37; light brown clay 53; brown limestone 110. Water at 90, 100 and 105.
Con II " 65	PUC Hanover	International Water Supply Ltd.	Aug. 29, 1961	22	14 1/2	42	8 1/2	"	P	Clay sand 6; sand 13; clay silt 25; clay 34; sand gravel 50; gravel sand 55; sand gravel 68; gravel sand boulders 71; gravel sand 74; packed sand 78; sand gravel boulders 110; sand gravel clay. Water at 6 and 34.

Brant Twp. - cont.	lot 3	H. Cheaney	E.A. Keeso	Nov.12, 1961	4	12	29	28	Fresh	D,S	
Con IV	" 5	Camp Cherith	Durham Drillers	Jul.12, 1961	4	6	55	23	"	P	Brown clay 24; clay sand boulders 53; grey shale 68; grey limestone 163. Water from 138 to 163.
Con VII	" 14	B. Caslick	"	Feb. 9, 1962	4	12	80	58	"	D,S	Topsoil 1; clay 10; fine sand gravelly streaks 45; sand 95; gravel 100; brown limestone 159. Water at 152.
Con VIII	" 1	A. Scott	E.A. Keeso	Sep. 7, 1963	4	15	38	36	"	D	Topsoil 2; clay 10; clay boulders 25; sand 60; gravel 90; clay sand 162; grey hard rock 188. Water at 170 and 180.
Con XI	" 31	E. Weppier	L.H. Weirmier	Aug. 1, 1960	4	9	Flows	Flows	"	D,S	Brown sand 43; brown clay 71; brown shale 80; brown limestone 82. Water from 80 to 82.
Con XI	" 34	G. Miskie	Pratt Bros	Oct. 14, 1963	4	10	7	2	"	D,C	Med. clay 20; grey clay 120; stones grey clay 135; sand gravel 140; gravel water at 140.
Con XII	" 1	E. Forbes	L. & A. Wright	Aug. 2, 1962	5	10	80	11	"	D,S	Sand gravel 61; clay hardpan boulders 65; grey hardpan 91; grey black limestone 116. Water at 116.
Con XIV	" 21	C. Rhody	Durham Drilling & Enterprises	Jun. 15, 1963	4	20	52	40	"	D,S	Old well 25; clay 105; gravel stones 131. Water at 130.
Con XV	" 16	C. Fortune	G.L. Davidson	Jul. 31, 1963	4	12	60	53	"	D,S	Topsoil 2; brown clay 20; stony hardpan 60; gravel stones 85; clay 88; gravel 98; hard brown limestone 150. Water from 120 to 128.
DRN Con I	" 17	Walkerton Golf Course	"	Jan. 3, 1961	10	200	91	8	"	Ir	Clay 4; sand gravel hardpan 58; mulch sand 72; hardpan 137; sandy gravel 145; dark brown black hard shale 156; bluish brown hard shale 172. Water at 172.
DRN Con I	" 19	P.U.C. Course Walkerton	"	Nov. 30, 1962	10	200	72	18	"	P	Fill 2; sand gravel 16; brown soft shale 112. Water at 112.
DRN Con I	" 21	Ont. Dept. of Highways	Durham Drillers	Oct. 4, 1961	4	7	60	54	"	P	Silty clay stones 8; sand 14; blue clay 24; sand stones 28; light brown soft shale 46; light brown soft limestone 58; medium soft dark brown limestone 72; light brown medium soft limestone 88; dark brown hard limestone 89; blue brown hard limestone 90. Water from 58 to 90.
DRN Con I	" 3	H. Damm	E.A. Keeso	Jul. 29, 1960	4	10	20	16	"	D	Clay 20; sand 33; clay stones 45; hard clay 105; brown limestone 180. Water at 165 and 176.
DRN Con II	" 2	L. Wilhelm	G.L. Davidson	Jun. 13, 1961	4	6	75	51	"	D,S	Brown clay 22; gravel clay 31; blue shale 36; blue limestone 488. Water at 48.
DRN Con III	" 5	H. Bower	Durham Drilling & Enterprises	Oct. 9, 1963	4	12	40	30	"	In	Fill 1; hardpan 8; shale 28; hard brown rock 84. Water at 84.
DRN Con III	" 16	W. Wilson	"	May 19, 1963	4	18	100	65	"	D,S	Topsoil gravel boulders 15; sand gravel 30; sand clay 45; clay shale 60; brown rock 80; grey rock 133. Water from 90 to 125.
DRN Con III	" 49	O. Inglis	"	Oct. 22, 1963	4	18	110	81	"	D,S	Topsoil 20; gravel stones 40; yellow sand 100; soft brown clay 140; soft grey gravelly clay 200; soft grey clay 250; hard grey clay 300; sandy grey clay 320; grey sand 325; brown gravel 331. Water at 310 and 330.
DRS Con I	" 51	H. Lorenz	"	Jul. 27, 1962	4	10	Flows	Flows	Sulphur	N	Topsoil 4; stony clay 10; soft clay 15; sand 110; clay 150; soft stony clay 200; sand gravel 220; grey clay 250; sandy clay 265; sand gravel 271. Water from 265 to 271.
DRS Con I	" 57	H. Riddering	R.H. Gadke	Sep. 8, 1960	5	8	40	40	Fresh	D	Topsoil 1; sand 15; blue clay 160; fine sand 304; dark brown rock 338. Water at 335.
DRS Con I	" 60	A. Grove	Durham Drillers	Jun. 28, 1962	4	15	15	5	"	D	Sand 12; brown clay 118; dirty shale 152; grey limestone 205. Water at 187.
DRS Con II	" 11	T.A. McNeill	E.A. Keeso	Sep. 9, 1963	4	15	62	62	"	D	Topsoil 10; gravel clay 45; stones boulders 62; brown limestone 94. Water at 92.
DRS Con II	" 25	G. Gissing	G.L. Davidson	Dec. 16, 1961	4	6	183	174	"	D,S	Dark brown topsoil 31; clay gravel 46; sand 110; hardpan 196; clay gravel 215; red silt 262; hard brown shale 296; soft blue shale 323; hard brown limestone 342. Water at 341.
DRS Con III	" 5	W. Flach	E.A. Keeso	Apr. 16, 1960	3	12	60	58	"	D	Stony clay 18; sand 54; marl sand 88; clay 104; sand 112; clay 118; sand 147; soft brown shale 174; brown rock 207. Water at 207.
DRS Con III	" 21	N. McDonald	G.L. Davidson	Jan. 12, 1962	4	10	55	40	"	D	Old well 99; hard grey limestone 104. Water at 104.
DRS Con III	" 25	W.A. Thompson	"	Aug. 14, 1961	4	10	40	24	"	D	Sand gravel 26; brown hard shale 40; hard blue rock 68; soft blue rock 90. Water at 90.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Brant Twp. - cont. DPS Con III lot 28	L. Fisher	E.A. Keeso	Jun. 27, 1960	4	14	58	54	Fresh	D, S	Gravel clay 42; gravel sand 58; sand 121; gravel sand 124; brown shale 131; blue shale 132; blue limestone 148. Water at 140.
DPS Con III " 44	J. Fell.	G.L. Davidson	Feb. 4, 1963	4	8	41	26	"	D, S	Topsoil 1; clay 2; hardpan 48; clay 54; stony hardpan 74; gravel hardpan 100; shale clay 119; brown blue hard rock 142. Water at 142.
DPS Con III " 63	I. Benniger	"	Feb. 7, 1963	4	15	30	26	"	D, S	Gravel 14; brown shale 28; brown blue hard rock 57. Water at 57
Bruce Twp. Con I lot A	M. Campbell	G.L. Davidson	Apr. 25, 1961	4	8	39	0	Fresh	D	Topsoil 1; stones 16; shale 32; brown rock 102. Water at 102.
Con I " A	A.C. Trickey	Durham Drillers	Aug. 14, 1961	4	4	65	24	"	D	Hardpan 12; shale 40; limestone 84. Water at 82.
Con I " A	W. Gee	G.L. Davidson	May 8, 1963	4	7	40	0	"	D	Stones sand 14; brown hard shale 33; brown hard limestone 84. Water at 84.
Con I " E	C. Moore	"	Jun. 21, 1960	4	15	70	60	"	D, S	Clay 18; gravelly hardpan 36; soft clay 76; hardpan 97; clay shale 130; brown rock 152. Water at 152.
Con I " 6	Ont. Dept. of Highways	"	Mar. 29, 1963	4	10	50	45	"	P	Blue clay 52; quicksand 62; blue clay 76; sand clay 122; hardpan 154; sand 156; stony hardpan 196; dark brown hard limestone 231. Water at 231.
Con I " 26	E. Colwell	"	Jun. 29, 1961	4	9	48	40	"	D, S	Clay 42; fine sand 106; quicksand 142; fine sand 212; medium sand 217; brown shale 231; hard brown rock 259. Water at 259.
Con I " 35	J. Fitzsimmons	Durham Drillers	Jun. 30, 1961	4	12	50	40	"	D, S	Topsoil 1; clay 5; sand 30; brown clay 48; grey clay 116; sand gravel 190; brown limestone 214. Water at 210.
Con II " 5	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	May 12, 1961	6	20	60	35	"	P	Gravel 53; clay gravel 64; hardpan 198; limestone 244. Water at 225.
Con IV " 11	H. Sparks	G.L. Davidson	Aug. 14, 1961	4	6	80	34	"	D, S	Clay 170; sand gravel 174; clay shale 214; grey rock 265. Water at 265.
Con VI " A	R.P. Riggins	"	Oct. 1, 1963	4	3	100	0	"	D	Clay 4; marl bog 8; sand gravel 28; stony hardpan 34; sandy gravel 52; hardpan 64; brown soft shale 71; brown limestone 135. Water at 135.
Con VII " C	L. Davey	"	May 15, 1963	4	7	Flows	Flows	"	D	Sand gravel 5; stony hardpan 24; brown hard shale 34; brown hard limestone 46; hard dark brown limestone 88. Water at 88.
Con X " 32	C.A. Thornburn	"	Sep. 6, 1962	4	12	70	53	"	D, S	Clay 18; gravel hardpan 52; quicksand 82; coarse sand 114; brown hard rock 136. Water at 136.
Con XIV " 17	D. Jeffrey	"	Aug. 21, 1961	4	12	20	6	"	D, S	Clay 35; gravel 40; clay sand 111; shale 118; brown rock 133. Water at 133.
LR " 1	G. McNeil & W. Menzies	"	May 30, 1960	4	15	24	8	"	D	Gravel boulders 8; shale 33; brown rock 58. Water at 58.
LR " 1	C. Moore	"	Nov. 10, 1961	4	10	32	14	"	D	Topsoil 2; brown hard shale 36; brown hard limestone 83. Water at 83.
LR " 1	E.J. McKinnon	"	May 30, 1962	4	16	20	8	"	D	Sand 1; sand dirty gravel 9; soft shale 18; brown very hard limestone 86. Water at 86.
LR " 2	S.M. Kilmer	"	May 20, 1960	4	15	26	13	"	D	Sand 5; sandy gravel 19; shale 34; grey hard limestone 92. Water at 92.
LR " 2	W. Campbell	"	Jun. 4, 1960	4	12	20	11	"	D	Stones gravel 9; grey shale 34; brown rock 108. Water at 108.
LR " 2	Carter Gallo-way & Barr	"	Jun. 27, 1960	4	15	20	14	"	D	Stones 2; gravel boulders 8; shale 32; brown rock 91. Water at 91.
LR " 9	"	"	Jul. 4, 1960	4	15	37	18	"	P	Sand 5; hardpan 24; gravelly hardpan 46; gravel fine silt 60; shale 82; brown rock 131. Water from 126 to 131.
LR " 9	"	D. Wright & Sons	Mar. 31, 1963	5	12	18	12	"	P	Sand 12; gravel boulders 50; brown limestone 120. Water at 60 and 115.

BRUCE COUNTY - cont.

Bruce Twp. - cont. LR	18	Ont. Hydro Elec- tric Power Comm	G.L. Davidson	Jun. 13, 1960	6	48	28½	9	Fresh	P	Small limestones soil 4; light brown limestone shale 12; brown hard rock 27; dark brown hard rock 74; light brown hard caving rock 77. Water from 74 to 77. Sand 10; hardpan 29; stony hardpan 40; loose rock 49; grey hard sand 135. Water at 135.
LR	58	A.G. McArthur	"	Jul. 11, 1960	4	7½	55	15	"	D	
Cane Creek Indian Reserve											
ER Con I lot 34	34	G. Johnston	D. Wright & Sons	Jan. 21, 1961	5	3	60	12	Fresh	D	Topsoil gravel 14; shale 40; blue shale 48; red shale 55; black rock 60. Water at 55.
ER Con I	34	A. Johnston	"	Nov. 30, 1960	4	5	30	30	"	D	Gravel 24; clay 39; blue clay 37; shale 45; blue clay shale 50; red shale 55. Water from 45 to 55.
ER Con IV	11	Dept. Indian Affairs	"	Sep. 18, 1963	7	10	14	3	"	P	Loose shale 3; bluish limestone 35; blue shale 45; red shale 58. Water from 35 to 45.
WR Con I	35	L. Johnston	"	Nov. 22, 1960	5	4	38	12	"	D	Gravel 12; shale 28; blue shale 38. Water at 28.
WR Con II	37	R. Akiwenzie	"	Sep. 28, 1963	7	1	29	12	"	D, S	Grey shale 20; blue shale 30. Water at 18.
Carriack Twp.											
Con A lot 11	11	N. Reinhardt	E.A. Keeso	Jun. 24, 1963	4	14	54	36	Fresh	D, S	Topsoil 3; brown clay 28; gravel clay 39; brown shale 87; gravel sand 112; shale 158. Water from 202 to 227.
Con A	19	F. Schmurr	Water Well Drilling	May 30, 1963	4	8	40	40	"	D, S	Topsoil 4; gravel 40; hardpan 110; sand 135; gravel 145; limestone 156; brown limestone 188. Water at 187.
Con A	23	A. Steffler	"	May 8, 1963	4	8	23	23	"	D, S	Topsoil 2; gravel 30; hardpan 60; gravel boulders 139; brown limestone 156. Water at 155.
Con A	29	G. Kelp	G.L. Davidson	Dec. 6, 1963	4	14	20	4	"	D	Dry well 6; gravel stones 12; brown hard shale 27; stones hard clay 39; bluish grey soft sandy clay 101; grey hard clay stones 104; gravel 112; brown caving shale 114. Water at 114.
Con B	12	E. Haelzle	E.A. Keeso	Oct. 2, 1962	4	12	48	43	"	D, S	Clay sand 42; clay stones 67; hardpan 71; boulders hardpan 92; shale 114; hard grey rock 138. Water from 133 to 138.
Con B	26	L. Weber	Water Well Drilling	Dec. 7, 1962	4	8	40	26	"	D, S	Fill 7; clay gravel mixed 70; loose brown limestone 80; hard brown limestone 111. Water at 109.
Con B	28	L. McIntee	E.A. Keeso	Sep. 8, 1960	4	12	50	36	"	D, S	Dug well 26; clay gravel 56; brown shale 64; hard brown limestone 134; hard grey limestone 151. Water from 134 to 151.
Con C	13	S.S.# 1	"	Aug. 13, 1960	4	14	16	8	"	P	Clay 11; gravel clay 19; brown shale brown limestone 28; hard white limestone 93. Water at 93.
Con C	15	J. Schmidt	G.L. Davidson	Sep. 13, 1962	4	10	40	22	"	D, S	Dug well 25; brown shale 58; limestone 115. Water at 115.
Con D	9	C. Schmidt	"	Nov. 15, 1963	4	7	88	44	"	D, S	Topsoil 1; hardpan 12; stony gravel 15; hardpan clay sand 146; brown soft shale clay 161; brown medium hard rock 179. Water at 179.
Con D	31	L. Weber	E.A. Keeso	Sep. 13, 1962	4	14	3	1	"	C	Gravel stones 38; brown shale 49; soft limestone 72; hard limestone 105. Water at 102.
Con II	21	Dr. Morley	"	May 24, 1960	4	14	17	14	"	S	Gravel clay 38; gravel boulders 56; brown shale 73; brown blue limestone 80. Water from 78 to 80.
Con III	30	L. Grubb	"	Jun. 7, 1962	4	13	23	21	"	D, S	Clay gravel 28; sandy gravel 49; brown shale 64; brown limestone 86. Water at 86.
Con V	25	H. Schaefer	"	Aug. 17, 1961	4	14	15	14	"	D, S	Dug well 22; clay 34; gravel stones 58; shale 64; hard white limestone 110. Water at 110.
Con VI	1	W. Diemert	G.L. Davidson	Oct. 5, 1960	4	10	36	16	"	D, S	Gravel 14; hardpan 32; shale 81; hard grey rock 111. Water at 111.
Con VI	21	N. Kauster	E.A. Keeso	Aug. 9, 1961	4	9	34	24	"	D	Dug well 24; clay 26; shale 33; hard grey limestone 84. Water at 84.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Carrick Twp. - cont. Con VII lot 3	S. Reutz	G.L. Davidson	Sep.20,1960	4	10	76	61	Fresh	D,S	Gravel 20;hardpan 68;stony hardpan 76;shale 118;hard dark rock 135. Water at 135.
Con VII " 6	J. Ruetz	"	Mar.5, 1963	4	10	95	56	"	D,S	5;stones clay 34;hardpan 47;grey red soft shale 137; brown soft shale 145;light brown soft shale 154. Water at 137 and 154.
Con VIII " 7	W.J. Lewis	E.A. Keeso	Oct.28,1960	4	14	36	34	"	D,S	Hardpan 26;gravel 31;shale 34;hard white limestone 87. Water at 86.
Con VIII " 27	C.L. Weber	"	Jun.30,1961	4	14	36	34	"	S	Gravel stones 31;grey boulders sand 58;gravel stones 72; sand 140;blue shale 151;blue limestone 152. Water at 152.
Con VIII " 28	E. Losch	"	Jun.17,1961	4	14	28	27	"	S	Gravel 31;sand boulders 46;coarse gravel 84;stones sand 96; blue shale 116 limestone 116. Water at 116.
Con IX " 7	F. Bross	G.L. Davidson	Aug.16,1963	4	11	30	19	"	D,S	Topsoil 1;sandy clay 9;gravel 19;brown shale 42;brown white rock 107. Water at 107.
Con X " 31	A. Gebhardt	E.A. Keeso	May 9, 1962	4	12	17	16	"	D,S	Dug well 32;sandy clay 58;brown sand 118;blue shale 122; blue limestone 129. Water at 129.
Con X " 32	N. Gebhardt	"	Jan.7, 1963	4	5	61	21	"	D,S	Dug well 17;soft clay 62;sand 109;sandy gravel 127;blue shale 136;hard blue limestone 287. Water from 261 to 287.
Con XI " 12	L. Russworm	Water Well Drilling Durham Drillers	Sep.20,1962	4	8	55	11	"	D,S	Fill 8;brown quicksand 60;mixed clay gravel 130;mixed sand clay 167;blue shale limestone 216. Water at 215.
Con XII " 8	J. Witter	"	Nov.18,1960	4	10	60	52	"	D,S	Topsoil 4;brown sand 12;grey clay 97;fine sand 144;brown limestone 170. Water from 160 to 170.
Con XII " 12	E. Schaus	E.A. Keeso	Sep.19,1960	4	13	12	5	"	D,S	Clay 44;quicksand 76;coarse brown sand 89;brown shale 112; blue shale 120;blue limestone 124. Water at 124.
Con XIV " 30	A. Oberle	"	Dec.23,1963	4	4 1/2	90	61	"	D,S	Brown clay 14;gravel clay 37;brown shale 71;brown limestone 138. Water at 124.
Con XV " 10	E. Pletch	Durham Drillers	Nov.1, 1962	4	21	35	24	"	D	Gravel 4;soft clay 20;sandy clay 40;sand 45;brown rock 62. Water at 50 and 60.
Con XV " 28	J. Qettler	"	Nov.26,1960	4	8	65	53	"	D	Dug well 15;gravelly stones 57;gravel 59;clay stones 70; rock 77;brown limestone 102. Water at 100.
Qilross Twp. Con A lot 18	C. Bohnert	Water Well Drilling	Sep.19,1962	4	8	42	40	Fresh	D,S	Topsoil 3;clay hardpan 43;gravel boulders 134;brown limestone 174. Water at 174.
Con A " 22	H.Weishar & E. Meyer	"	Nov.6, 1962	5	10	36	36	"	D,S	Topsoil 4;clay gravel boulders 70;sand gravel 95;brown limestone 162. Water at 162.
Con A " 26	G. Schmidt	"	Oct.10,1962	4	8	36	36	"	D,S	Topsoil 5;gravel boulders 105;brown limestone 159. Water at 159.
Con A " 28	Weiler Lumber Co.	"	Nov.16,1962	4	10	25	25	"	D	Topsoil 4;grey limestone 10;brown limestone 46. Water at 46.
Con III " 21	M. McAllister	G.L. Davidson	Jul.11,1963	4	12	40	24	"	D,S	Clay hardpan 22;sand 27;hardpan 30;white shale 44;brown rock 97. Water at 97.
Con IV " 17	A. Whytock	R.H. Gadke	Oct.13,1961	4	8	22	22	"	D,S	Topsoil stones 15;gravel 20;loose rock 30;brown limestone 68. Water at 64.
Con IV " 21	B. Armstrong	"	Sep.23,1960	6	8	18	18	"	S	Dug well 20;loose rock 35;brown limestone 44. Water at 43.
Con VII " 6	O. Kreutzwiser	E.A. Keeso	Sep.19,1961	4	14	34	30	"	D,S	Old dug well 37;clay boulders 48;median boulders 79;shale boulders 108;brown limestone 124. Water at 124.
Con VII " 20	J. Reid	G.L. Davidson	Oct.27,1961	4	15	32	23	"	D,S	Dry well 6;fill 16;brown soft shale 88;brown hard rock 118. Water at 118.
Con VIII " 19	A. McDonald	"	Mar.15,1963	4	10	33	9	"	D,S	Clay 11;quicksand 41;gravelly horizon 70;brown soft shale 78;brown medium hard limestone 105. Water at 105.
Con X " 34	M. Wall	R.H. Gadke	Oct.27,1960	4	10	7	7	"	D,S	Loose top clay 22;hard brown limestone 77. Water at 77.

Con XI	lot 18	K. Grant	G.L. Davidson	Oct.7,1960	4	8	58	40	Fresh	S	Topsoil 1;fill 4;gravel 22;hardpan 48;sand gravel 75;hardpan 96;shale 105;brown rock 149. Water at 149.
Con XII	" 13	H. Davis	"	Mar.16,1961	4	7	78	58	"	D,S	Topsoil 1;stony gravel 30;hardpan 87;shale 110;brown rock 155. Water at 155.
Con XIII	" 3	N. Bennigar	E.A. Keeso	Feb.19,1963	4	12	60	59	"	D,S	Topsoil 2;clay 8;hardpan boulders 63;brown shale 80;white limestone 133. Water from 125 to 133.
Con XIII	" 13	W. Gutscher	"	Jul.10,1962	4	15	38	37	"	D,S	Gravel stones 38;brown shale clay 69;brown limestone clay 82;hard yellow rock 151. Water from 145 to 151.
Con XIV	" 19	Bruce Brick & Tile Co.	G.L. Davidson	Oct.23,1961	5	20	32	10	"	C	76;dark brown hard limestone 96;brown soft limestone 106. Water at 106.
Easthor Typ.	lot 26	A. Lemcke	L. & A. Wright	Jul.8, 1961	4	6	127	6	Fresh	D,S	Soil 1;sandy clay 4;blue clay 59;white limestone 127. Water at 80 and 125.
BRE Con I	" 19	M. Hayes	"	Oct.3, 1960	5	12	70	15	"	D,C	Soil stones 5;limestone 70. Water at 60.
BRE Con II	" 5	School Area	D. Wright & Sons	Aug.28,1963	5	18	18	4	"	P	Brown clay 5;sand clay 85;brown limestone 124. Water at 110 and 117.
BRE Con II	" 20	D. Nixon	L. & A. Wright	Jun.28,1962	5	8	125	8	"	D,S	Clay 4;limestone 125. Water at 116.
BRE Con II	" 21	C. Blacklock	"	Dec.18,1962	5	21	130	10	"	D,S	Clay 4;white limestone 130. Water at 60.
BRE Con II	" 25	D. McArthur	R. & S. Wright	Jun.1,1962	4	38	70	15	"	D	Topsoil 2;grey limestone 35;blue limestone 56;grey limestone 70. Water at 70.
BRE Con II	" 26	P. Bain	D. Wright & Sons	Sep.10,1963	5	5	30	12	"	S	Loose rock 18;hard rock 70. Water at 65.
BRE Con II	" 29	C.L. Williams	S. & O. Wright	May 16,1961	4	10	5	4	"	S	Grey clay stones 14;grey limestone 37. Water from 30 to 37.
BRE Con III	" 6	E. Lawneed	"	Oct.31,1960	4	5	70	22	"	D,S	Clay stones 8;grey limestone 90. Water from 55 to 75.
BRE Con III	" 26	J.A. Bridge	L. & A. Wright	Jul.23,1961	5	5	60	20	"	D	Soil broken rock 3;white limestone 60. Water at 55.
BRE Con III	" 26	J. Shaw	D. Wright & Sons	May 1, 1963	5	12	15	114	"	D	Grey limestone 59. Water at 54.
BRE Con V	" 32	Rev.L.B. Reese	R. & S. Wright	Apr.22,1963	4	1	91	40	Sulphur	D	Stones dirt 4;grey limestone 38;layers hard blue shale 43;hard blue limestone 91. Water at 37.
BRE Con V	" 34	A. Ryder	D. Wright & Sons	Nov.18,1963	5	10	13	12	Fresh	D	Shore gravel 8;grey limestone 65;blue shale 71. Water from 65 to 71.
BRE Con V	" 36	L. Rawlings	"	Apr.20,1963	5	8	48	25	"	D	Shore gravel stones 12;grey limestone 48;blue shale 76. Water at 70.
BRE Con V	" 40	C. Caudle	"	Jun.21,1960	4	10	17	11	"	D	Topsoil 3;dark grey rock 55. Water at 52.
BRE Con VI	" 27	W. Thornton	"	Dec.5, 1963	5	10	42	42	"	D	Shale 2;grey limestone 60;blue shale 75;red shale 80. Water at 60.
BRE Con VII	" 17	T. Aver	L. & A. Wright	Jun.15,1960							Stones 20;clay small stones 35;blue clay 51;red shale 70. Dry hole.
BRE Con VII	" 18	G. Shaw	D. Wright & Sons	May 8, 1963	5	1	60	40	Fresh	D	Layers limestone shale 25;blue shale 61. Water from 40 to 50.
BRE Con VII	" 19	H. McKague	R. & S. Wright	Aug.11,1961	4	20	20	10	"	D	Topsoil 1;grey limestone 31. Water at 31.
BRE Con XII	" 8	A. Mackie	L. & A. Wright	Aug.12,1961	5		158	45	"	N	Soil 11;limestone 96;layers rock clay 135;red shale 145;layers rock red shale 158. Water from 96 to 124.
BRE Con XII	" 8	"	"	Oct.10,1963	5	1	140	70	Fresh	S	White limestone 70;brown rock 90;red shale dark rock 140. Water at 90.
BRW Con II	" 33	C. Coulter	D. Wright & Sons	Jul.13,1962	4	10	20	8	"	D	Clay 3;white limestone 70. Water from 60 to 65.
BRW Con III	" 7	E. Robertson	R. & S. Wright	Jul.17,1962	4	10	25	10	"	D	Sand 2;grey limestone 40. Water at 40.
BRW Con III	" 29	C. Hewitt	L. & A. Wright	Jul.9, 1963	5	6	60	6	"	D	Sand 4;white limestone 56. Water at 55.
BRW Con III	" 29	A. Maass	"	Jul.13,1963	5	6	65	8	"	D	White limestone 65. Water at 55.
BRW Con III	" 29	B. Robertson	"	Jul.20,1963	5	12	58	7	"	D	Sand 5;limestone 58. Water from 50 to 55.
BRW Con III	" 38	H.B. Kerslake	R. & S. Wright	Aug.16,1963	4	21	60	8	"	D	Topsoil 2;grey limestone 45;white limestone 65. Water at 65.
BRW Con IV	" 17	J. Fowlie	"	Oct.23,1961	5	9	50	10	"	D,S	Silt 44;brown limestone 99;white limestone 106. Water at 40 and 99.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
Easton Twp. - cont.										
BMW Con IV lot 26	H.H. Moler	D. Wright & Sons	Aug. 8, 1960	4	10	20	14	Fresh	D	White limestone 65; brown limestone 93. Water at 63 and 83.
BMW Con IV lot 32	C. Bumstead	"	Aug. 26, 1960	5	6	18	Flows	"	D	Loose rock 3; white limestone 30; brown limestone 54. Water at 50.
BMW Con IV lot 32	S. Wyles	"	Aug. 20, 1960	4	10	20	6	"	D	Old dry well 3; brown limestone 53. Water at 49.
BMW Con IV lot 35	E. McElsh	"	Jun. 14, 1962	5	30	8	8	"	D	Sand 5; brown limestone 50. Water at 46.
BMW Con IV lot 37	V. McQueen	R. & S. Wright	Jun. 22, 1962	4	4	80	10	"	D	Topsoil 1; hard grey limestone 45; blue limestone 57; soft grey limestone 72; hard grey limestone 87. Water at 87.
BMW Con IV lot 37	H. Brosch	"	Aug. 9, 1963	4	1	100	7	"	D	Topsoil 2; grey limestone 65; light blue limestone 100. Water at 97.
BMW Con V lot 1	E. Mackela	"	May 18, 1960	4	5	24	18	"	D, C	Topsoil 3; grey limestone 60. Water at 60.
BMW Con V lot 1	E.D. Pearson	L. & A. Wright	Jul. 20, 1960	5	18	70	12	"	D	Loose stones 2; limestone 70. Water at 50 and 60.
BMW Con V lot 1	P. Monk	D. Wright & Sons	Apr. 28, 1961	5	10	15	14	"	D	Sandy gravel 4; shale 20; grey limestone 54. Water at 50.
BMW Con V lot 1	"	"	May 27, 1961	6	10	12	14	"	D	Gravel 5; coarse sand 14; brown limestone 54. Water at 45.
BMW Con V lot 1	E. Nixon	"	May 5, 1962	6	10	12	14	"	D	Sandy gravel 12; brown limestone 59. Water at 50.
BMW Con V lot 1	B. Harrison	L. & A. Wright	Aug. 10, 1962	5	10	61	15	"	D	Topsoil 2; grey limestone 61. Water at 55.
BMW Con V lot 2	G. Byrson	"	Jun. 19, 1960	4	10	63	20	"	D	Soil 1; dark limestone 63. Water at 60.
BMW Con V lot 25	R.W. Marshall	R. & S. Wright	Jun. 12, 1962	5	10	25	15	"	D	Topsoil 2; grey limestone 62. Water at 62.
BMW Con V lot 38	J. Kreson	D. Wright & Sons	Jul. 12, 1962	4	10	15	7	"	D	Brown limestone 54. Water at 48.
BMW Con VI lot 12	K.J. Hobson	"	Jun. 1, 1962	5	5	60	10	"	D	Loose stones dirt 5; grey limestone 35; dark grey limestone 82. Water at 82.
BMW Con VI lot 12	M. Forbes	"	Jun. 5, 1962	5	3	77	8	"	D	Brown limestone 75. Water from 60 to 65.
BMW Con VII lot 7	B. Pritchard	D. Wright & Sons	Jul. 26, 1963	5	5	60	6	"	D	Brown limestone 80. Water from 65 to 70.
Harwick Town Plot	"	R. & S. Wright	Sep. 20, 1962	4	5	40	Flows	"	D	Grey limestone 80. Water at 75.
Elderslie Twp. lot 28										
Con A.	N. McArthur	G.L. Davidson	Jun. 23, 1960	4	8	136	72	Fresh	D, S	Sand hardpan 6; grey limestone 65. Water at 64.
Con B	H. Farrow	Durham Drillers	Jun. 8, 1962	4	18	50	40	"	D, S	Clay 5; sandy hardpan 78; sand 120; sandy hardpan 180; soft blue rock 220; hard brown rock 240; hard blue rock 292; hard grey rock 317. Water at 317.
Con II	J. Maxwell	E.A. Keeso	Oct. 7, 1963	4	12	70	65	Sulphur	D, S	Soft grey clay 123; coarse sand 140; stony grey clay 150; quicksand 155; sandy grey clay 169; rock 173. Water at 170.
Con II	D. McGill	Durham Drillers	Aug. 23, 1963	4	10	70	50	Fresh	D, S	Light sandy topsoil 4; soft brown clay 120; hardpan boulders 197; soft blue shale 205; hard blue limestone 212. Water from 210 to 242.
Con II	L. Schuett	D. Wright & Sons	May 17, 1962	5	12	50	42	"	D	Light sandy topsoil 4; soft clay 100; sand 110; stony grey clay 130; brown shale 156; grey rock 172; white rock 177. Water from 150 to 176.
Con III	C. Maxwell	Durham Drillers	Feb. 25, 1963	4	14	75	52	"	S	Topsoil 3; red clay 45; hardpan gravel 108; blue limestone 120; brown limestone 140. Water at 125 and 135.
Con VI	W. Middleton	A. Loucks	Nov. 13, 1963	4	10	100	76	"	D, S	Topsoil 3; red sand 16; grey clay 112; boulders 115; sandy clay 170; soft brown shale 181. Water at 170 and 180.
Con VII	N.A. MacDonald	Hadco Well Digging	Oct. 19, 1962	30	5	21	15	"	D, S	Hardpan gravel 286; brown limestone 256. Water from 248 to 256.
Con VIII	A. Harron	A. Loucks	Jul. 24, 1963	4	5	140	86	"	D, S	Topsoil 1; brown clay 6; brown sand 24. Water at 15.
Con XII	E. Walker	R. & S. Wright	Dec. 13, 1961	5	18	45	30	"	D, S	Hardpan 224; blue grey shale 241. Water from 224 to 241.
Con XII	N. Powell	Durham Drilling & Enterprises	Jun. 10, 1963	4	15	25	20	"	D, S	Dug well 30; sand clay 50; grey clay st. nes 80; grey clay sand 125; grey clay 135; grey shale 150. Water from 145 to 150.
Con XIV	J. McKeivie	Durham Drillers	Feb. 14, 1963	4	15	50	21	"	D, S	Open clay 20; clay 30; sand gravel 70; sand gravel 90; brown rock 100. Water from 90 to 100.

Greenock Twp.		Durham Drillers Water Well Drilling	Jun. 9, 1960 Aug. 2, 1962	4 4	10 8	40 22	16 22	Fresh	D, S D	Hardpan boulders 42; hard brown limestone 102. Water at 100. Dug well 15; gravel sand 42; brown limestone 80. Water at 80. Clay 15; hardpan rock boulders 39; sand 48; brown limestone 72. Water at 71. Hardpan boulders 55; brown limestone 85. Water at 80. Boulders 20; sandy clay 30; sand 48; hard brown rock 72. Water from 65 to 70. Topsoil 1; gravelly hardpan 7; gravel 21; stony hardpan 78; gravel sand 104; hardpan 139; brown rock 164. Water at 164. Gravel stones 27; clay gravel 46; clay 91; white shale 112; white limestone 12; brown limestone 200. Water at 200. Topsoil 1; gravel sand 30; hardpan stones 51; hardpan gravel 61; shale 69; rock 98. Water at 98. Gravelly clay 21; clay boulders 69; brown sand gravel 76; brown shale 82; brown limestone 112. Water at 112. Clay 30; clay sand 60; shale 113; brown limestone 180. Water from 144 to 180. Hardpan boulders 30; brown limestone 65. Water at 64. Dug well 15; hardpan stones 22; sand 45; sandy gravel 62; shale 72; grey rock 107. Water at 107. Clay 2; marl 34; sand gravel 64; clay marl 102; sandy gravel 124; hard brown rock 158. Water at 158. Topsoil 3; quicksand 22; clay gravel 90; gravel 100; brown rock 130. Water from 120 to 130. Topsoil 6; grey clay 30; sand 40; grey clay 100; stony clay 120; quicksand 130; grey clay 190; sand 200; soft brown rock 215. Water at 195 and 210. Grey clay 53; white shale 58; grey white limestone 87. Water at 87. Topsoil 6; grey clay 30; sand 40; grey clay 100; stony clay 120; quicksand 130; grey clay 190; sand 200; soft brown rock 215. Water at 195 and 210. White sand 158; gravel 162; sand 205; brown limestone 278. Water at 278. Gravel stones 18; gravel hardpan boulders 49; gravel stones 61; brown shale 73; brown limestone 110. Water from 101 to 110. Topsoil 7; sand 75; gravel 90; brown limestone streaks shale 98; yellow brown limestone 130. Water at 128. Clay 23; boulders 42; gravel 76; shale 92; brown limestone 152. Water at 120. Dug well 15; yellow sand stones 42; sand stones rough gravel 75; brown shale 91; hard brown rock 120. Water at 128. Gravel clay 21; blue shale 26; blue limestone 40. Water at 40. Sand 61; clay stones 15; limestone 80. Water at 60. Sand 10; clay 20; grey brown limestone 60; brown limestone 81. Water at 75. Sand gravel clay 32; limestone 114. Water from 75 to 100. Sand 11; gravel 11; brown limestone 90. Water at 80. Sand gravel 14; limestone 28. Water at 70. Sand gravel 16; brown limestone 28. Water from 50 to 70. Sand clay 17; limestone 80. Water from 70 to 85.
1st 18 22	G. Anstett M. Kerry	Con A	Aug. 8, 1962	4	8	22	22	"	D	Water at 71.
"	W. Beater	Con A	Aug. 30, 1960	4	10	25	20	"	D	Boulders 20; sandy clay 30; sand 48; hard brown rock 72. Water from 65 to 70.
"	K.C. McLennan M. Vasey	Con A	Jul. 6, 1962	4	24	30	20	"	D	Topsoil 1; gravelly hardpan 7; gravel 21; stony hardpan 78; gravel sand 104; hardpan 139; brown rock 164. Water at 164.
"	E. Friendore	G.L. Davidson	Jul. 19, 1960	4	15	56	37	"	D, S	Gravel stones 27; clay gravel 46; clay 91; white shale 112; white limestone 12; brown limestone 200. Water at 200.
Con IV	J.E. Doyle	E.A. Keeso	Apr. 26, 1961	4	14	32	30	"	D, S	Topsoil 1; gravel sand 30; hardpan stones 51; hardpan gravel 61; shale 69; rock 98. Water at 98.
Con VI	J. Powers	G.L. Davidson	May 5, 1961	4	15	40	35	"	D, S	Gravelly clay 21; clay boulders 69; brown sand gravel 76; brown shale 82; brown limestone 112. Water at 112.
Con VI	G. Libbert	E.A. Keeso	Mar. 13, 1961	4	2 1/2	13	11	"	D, S	Clay 30; clay sand 60; shale 113; brown limestone 180. Water from 144 to 180.
Con VII	A. Zettler	"	Apr. 22, 1961	4 1/2	15	39	39	"	D, S	Hardpan boulders 30; brown limestone 65. Water at 64.
Con XIII	J.M. Ried	Durham Drillers	Sep. 3, 1960	4	10	Flows	Flows	"	D	Dug well 15; hardpan stones 22; sand 45; sandy gravel 62; shale 72; grey rock 107. Water at 107.
Con XIII	D. Garland	G.L. Davidson	Aug. 25, 1960	4	12	36	8	"	D, S	Clay 2; marl 34; sand gravel 64; clay marl 102; sandy gravel 124; hard brown rock 158. Water at 158.
Con XIII	S.S. # 6	"	Mar. 2, 1962	4	20	Flows	Flows	"	P	Topsoil 3; quicksand 22; clay gravel 90; gravel 100; brown rock 130. Water from 120 to 130.
Con XIII	H. Alexander	Durham Drillers	Apr. 10, 1962	4	15	30	12	"	D	Topsoil 6; grey clay 30; sand 40; grey clay 100; stony clay 120; quicksand 130; grey clay 190; sand 200; soft brown rock 215. Water at 195 and 210.
Con XIV	J. Wrightson	"	Dec. 20, 1962	4	21	40	32	"	D	Grey clay 53; white shale 58; grey white limestone 87. Water at 87.
Con XVIII	G. Taylor	E.A. Keeso	Aug. 30, 1961	4	14	27	22	"	D, S	Topsoil 6; grey clay 30; sand 40; grey clay 100; stony clay 120; quicksand 130; grey clay 190; sand 200; soft brown rock 215. Water at 195 and 210.
Con XIV	J. Wrightson	Durham Drillers	Dec. 20, 1962	4	21	40	32	"	D	White sand 158; gravel 162; sand 205; brown limestone 278. Water at 278.
Den Con I	R. Leeson	R.H. Gadke	Oct. 18, 1960	4	10	22	22	"	D, S	Gravel stones 18; gravel hardpan boulders 49; gravel stones 61; brown shale 73; brown limestone 110. Water from 101 to 110.
Den Con I	L. Paradis	E.A. Keeso	Jul. 23, 1962	4	14	20	13	"	D, C	Topsoil 7; sand 75; gravel 90; brown limestone streaks shale 98; yellow brown limestone 130. Water at 128.
DRS Con I	L. Kremer	R.N. Gadke	Oct. 4, 1960	4	10	7	7	"	D, S	Clay 23; boulders 42; gravel 76; shale 92; brown limestone 152. Water at 120.
DRS Con I	N. Davis	"	Feb. 4, 1963	4	15	28	24	"	D	Dug well 15; yellow sand stones 42; sand stones rough gravel 75; brown shale 91; hard brown rock 120. Water at 128.
DRS Con I	M. Petherleace	G.L. Davidson	Jul. 25, 1962	4	15	25	15	"	D, S	Gravel clay 21; blue shale 26; blue limestone 40. Water at 40.
DRS Con I	J. Leppert	E.A. Keeso	Jul. 1, 1960	4 1/2	14	12	8	"	D	Sand 61; clay stones 15; limestone 80. Water at 60.
Hepworth Vlg. Hepworth Vlg.	H. Cutting Food Market	L. & A. Wright D. Wright & Sons	Jun. 24, 1960 Aug. 23, 1961	5 5	12 15	85 35	31 34	Fresh	D D, C	Sand 10; clay 20; grey brown limestone 60; brown limestone 81. Water at 75.
Hepworth Vlg. Hepworth Vlg. Hepworth Vlg. Hepworth Vlg. Hepworth Vlg.	M. Hylob J. Athison J. O'Rourke T.B. Gambell B. Cribbis	" " " " "	Jun. 30, 1962 Sep. 4, 1962 Oct. 23, 1962 Nov. 12, 1962 Dec. 11, 1963	4 5 5 4 5	1 10 43 12 5 10	100 40 38 40 30 39	40 38 35 30 37	" " " " "	D D D D D	Sand gravel clay 32; limestone 114. Water from 75 to 100. Sand 11; gravel 11; brown limestone 90. Water at 80. Sand gravel 14; limestone 28. Water at 70. Sand gravel 16; brown limestone 28. Water from 50 to 70. Sand clay 17; limestone 80. Water from 70 to 85.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. Huron Twp. - cont. Con A lot 3	D.J. Beckley	Hadco Service Ltd.	Apr. 26, 1961	30	8	24	5	Fresh	D	Topsoil 1; gravel sand 7; blue clay 24. Water at 6.
Con A " 14	E. Lowry	G.L. Davidson	Feb. 22, 1962	4	10	95	16	"	D, S	Sand 4; gravel 9; stones clay 60; clay 142; shale clay 237; brown rock 251. Water at 251.
Con A " 17	G.F. MacKenzie	F.W. Jackson	May 16, 1961	4	200	Flows	Flows	"	D	Sand loam 2; sand 18; blue clay 130; gravel sand 140; clay sand rock 190; gravel limestone 210; red rock formation 216. Water at 10, 130, 190 and 215.
Con A " 32	G. Buchanan	G.L. Davidson	Feb. 15, 1962	4	25	Flows	Flows	"	D	Sand 19; gravel 20; clay 170; shaly brown limestone 245. Water at 245.
Con A " 32	D. Annett	"	Jun. 19, 1963	4	30	Flows	Flows	"	P	Sand 20; blue clay 168; sand gravel 214; soft brown shale 216. Water at 216.
Con A " 36	Dr. D.M. Finlayson	"	Jun. 13, 1963	4	12	30	Flows	"	D	Sand 16; blue clay 138; sand 208; soft brown shale 260. Water at 252 and 260.
Con A " 39	H.J. Farrow	"	Jul. 25, 1962	4	20	40	Flows	"	D	Fine sand 8; sand gravel 16; blue clay 138; sand gravel 172; soft brown shale 208; hard brown limestone 225; soft brown shale 249. Water at 249.
Con A " 43	R.H. Lloyd	"	Jul. 16, 1962	4	12	Flows	Flows	"	D	Dry sand 10; sand gravel 19; blue clay 108; sand gravel 196; soft brown shale 221; hard brown shale 245. Water at 245.
Con A " 45	Brace Beach Div. 4	"	Aug. 6, 1963	4	20	15	"	"	P	Dry sand 16; clay gravel stones 34; blue clay 136; sand gravel 194; hardpan 206; sandy gravel silt 226; soft brown shale 236; hard brown limestone 252. Water at 252.
Con A " 47	Paul Rodgers Property	"	Jun. 28, 1962	4	40	Flows	Flows	"	P	Sand gravel 14; blue clay 106; clay sand perl 158; stony hardpan 178; hardpan 216; soft brown shale 223; soft brown limestone 252. Water at 252.
Con A " 51	L. Harrison	Hadco Well Digging	Jun. 26, 1961	36	5	17	10	"	D	Topsoil 1; brown sand 4; fine gravel 7; coarse gravel 10; blue clay 18. Water from 7 to 10.
Con A " 51	"	G.L. Davidson	May 31, 1963	4	12	20	Flows	"	D	Sand gravel 21; blue clay 96; sand gravel silt 144; soft brown shale clay seams 206; grey rock 213. Water at 213.
Con A " 53	B. McCallum	Durham Drillers	May 15, 1963	4	20	18	12	"	D	Topsoil 4; stony grey clay 20; soft grey clay 60; sandy grey clay 100; soft grey clay 120; sandy clay 150; sand 160; coarse sand 165; fine gravel 200; brown rock 216. Water at 170 and 215.
Con A " 55	H. Hodge	G.L. Davidson	May 22, 1962	4	8	Flows	Flows	"	D	Sand gravel 4; blue clay 74; sand 158; soft brown shale 161; medium hard brown limestone 175. Water at 175.
Con I " 31	D. Elchick	"	Aug. 28, 1960	4	8	128	114	"	D, S	Topsoil 1; sand 6; clay 20; sandy clay 44; hardpan small stones 102; shale 109; dark grey rock 145. Water at 145.
Con I " 44	L. Vanderveen	"	May 11, 1962	4	10	95	80	"	D, S	Sandy gravel 12; blue clay 22; sand 24; blue clay 68; hard brown shale 92; medium hard buff rock 130. Water at 110 and 130.
Con II " 38	D. Courtney	"	Aug. 15, 1963	4	12	80	70	"	D, S	Clay 7; clay boulders 105; clay stones 196; sand gravel 229; soft shale 244; soft brown rock 250. Water at 250.
Con III " 4	S. Chambers	"	Jul. 5, 1962	4	15	65	54	"	D, S	Fill 2; blue clay 82; marl 95; stony hardpan 150; brown shale 158; brown limestone 195. Water at 195.
Con IV " 7	P. VanDam	"	Mar. 6, 1962	4	10	61	52	"	D, S	Topsoil 6; gravel 5; sand 12; hardpan 20; clay 30; hardpan clay 65; shale clay 92; hard grey limestone 110. Water at 110.
Con VI " 4	A. Gamble	"	Nov. 15, 1962	4	12	35	24	"	D, S	Topsoil 1; brown clay 18; blue clay 54; gravel clay 64; blue clay 92; gravel sand 97; brown shale 106; brown rock 136. Water at 136.
Con IX " 3	N. Stanley	"	Dec. 6, 1962	4	12	60	48	"	S	Topsoil 1; brown clay 56; gravel clay 97; sandy gravel 140; brown shale 151; brown rock 173. Water at 173.
Con X " 12	D. Mackay	"	Sep. 2, 1960	4	10	40	34	"	D, S	Fill 4; clay 20; sand 24; clay 32; hardpan stones 66; hardpan clay gravel 90; shale 104; brown rock 131. Water at 131.

BRUCE COUNTY - cont.
Huron Twp. - cont.

Huron Twp. - cont.	Con XI	lot 36	L. Harrison	G.L. Davidson	Dec. 22, 1961	4	10	115	90	Fresh	D,S	Topsoil 1; brown clay 130; shale clay 201; brown rock 231. Water at 231. Fill 4; clay 64; sandy clay 105; sand 145; muddy shale 166; hard brown rock 249. Water at 249. Gravel 14; clay gravel 24; clay 72; sand 98; sand gravel 128; shale 137; brown rock 191. Water at 191. Coarse gravel 6; sand 12; brown clay 47; blue clay 83; clay shale 150; brown limestone 178. Water at 178. Gravel 16; stony clay 58; sand 65; stony clay 130; gravel 145; hardpan 190; brown limestone 214. Water at 214. Sand 60; clay stones 125; hardpan 170; brown limestone 197. Water from 190 to 197. Sand 58; clay stones 135; hardpan 146; brown limestone 193. Water at 192. Fine gravel 19; hardpan 62; gravel 74; hardpan 148; brown limestone 184. Water at 184. Clay 98; sand 108; clay 196; sand 208; clay sand 228; sand 242; shale 290. Water at 290.
Kincardine Twp.	Con A	lot 18	Dr. A.L. Haidinyak	R.H. Gadke	May 24, 1961	4	8	75	75	Fresh	D	Sand 50; gravel hardpan 100; loose rock 104; brown limestone 170. Water at 165. Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 18	H. Norman	Durham Drillers	Sep. 25, 1962	4	16	59	57	"	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 30	J. Leighton	"	Aug. 23, 1961	4	12	24	Flows	Sulphur	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 36	H.V. Carling	G.L. Davidson	Aug. 3, 1962	4	16	30	24	Fresh	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 59	C.H. Hartleib	"	Jul. 31, 1961	4	5	66	14	"	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 62	W. Sample	"	Jun. 13, 1962	4	12	50	40	"	D,S	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 69	G. Bremner	"	May 3, 1963	4	6	40	6	"	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 70	W. McLean	"	Sep. 29, 1961	4	8	20	16	"	D	Topsoil 4; stony clay 20; soft grey clay 70; coarse sand 88; hard brown rock 110. Water from 85 to 105. Old well 8; hardpan 27; sand 55; limestone 99. Water at 90. Boulders sand 6; brown shale 72; hard brown rock 118; dark brown rock 124. Water at 124. Rock stones 4; shale 49; brown rock 155; grey rock 187. Water at 155 and 187.
	Con A	" 70	K. Nelson	"	May 3, 1963	4	12	30	16	"	D	Sand shale stones 5; hard brown shale 32; hard brown limestone 90. Water at 90. Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	Con C	" 53	A. McKay	"	Feb. 23, 1961	4	16	57	45	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	Con V	" 28	E. Arnold	Durham Drillers	Jun. 22, 1962	4	12	60	40	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	Con V	" 35	G. Robertson	"	Jun. 8, 1962	4	18	60	50	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	Con VIII	" 22	E. Jacob	"	Oct. 12, 1961	4	8	60	55	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	Con XI	" 1	J. Conway	G.L. Davidson	Sep. 23, 1963	4	12	50	42	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	DRN Con I	" 55	W.M. Arnold	"	Jan. 21, 1961	4	15	24	16	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.
	DRN Con III	" 7	I. Munro	"	Sep. 13, 1963	4	4	115	95	"	D,S	Dug well 16; clay 82; sandy gravel 91; hardpan 140; shale clay 168; light brown rock 166. Water at 186. Topsoil 2; brown clay 40; blue clay 110; hardpan 159; brown limestone 228. Water at 220 and 225. Sort grey clay 50; stony grey clay 100; quicksand 135; gravel 150; sand 154; brown rock 166. Water at 160. Clay 90; grey clay sand 120; clay 225; soft shale 250; hard white rock 253. Water at 250. Clay sand 28; clay 66; sand clay 108; sand gravel 134; brown shale 152; brown rock 175. Water at 175. Topsoil 2; clay 40; sand 56; clay shale 84; brown rock 112. Water at 112. Clay 8; sand 16; clay 68; clay gravel stones 94; brown shale 102; brown rock 195. Water at 195.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont.										
DRN Con III lot 37	J. Stewart	G.L. Davidson	Aug. 17, 1960	4	8	78	50	Fresh	D, S	Topsoil 1; clay 24; sand 37; clay 86; sand 97; gravel sand 110; shale 126; brown rock 153. Water at 153.
DRN Con III " 43	F. Lindsey	Durham Drillers	Jun. 15, 1962	4	20	40	20	"	D, S	Topsoil 1; blue clay sand 84; brown limestone 102. Water at 100.
DRS Con II " 1A	E. Owens	G.L. Davidson	Dec. 11, 1961	4	10	80	61	"	D, S	Sand 4; clay sand 22; clay 75; clay shale 158; brown rock 174. Water at 174.
DRS Con II " 59	H. Nicholson	"	Jul. 13, 1962	4	15	70	43	"	D, S	Topsoil 4; brown clay 15; blue clay 35; clay gravel 42; blue clay 55; stony hardpan 140; hard brown rock 159. Water at 149 and 159.
LR " 65	W.J. Ruddock	"	Jul. 9, 1960	4	15	35	8	"	D	Loose rock 4; shale 33; hard rock grey limestone 77. Water at 77.
Kinloss Twp. Con I lot 3	Hamlet of Whitechurch	G.L. Davidson	Aug. 11, 1961	6	45	70	38	Fresh	P	Brown clay 8; sand gravel 14; hardpan 32; sand 36; hardpan stones 88; soft brown shale clay seams 106; soft brown limestone 142; medium hard dark brown limestone 172; hard dark brown limestone 181. Water at 142, 172 and 181.
Con I " 11	P. Kennedy	"	Jan. 2, 1961	4	10	70	62	"	D	Fill 3; gravel 21; stony hardpan 69; loose shale 114; brown limestone 147. Water from 140 to 147.
Con IV " 26	W. Evans	"	Jan. 4, 1960	4	10	60	40	"	D, S	Fill 4; clay 35; sand 42; sandy clay 88; clay 113; sandy clay 164; brown shale 188; brown limestone 196. Water at 196.
Con VI " 15	S. McGillvray	"	Jun. 12, 1961	4	12	34	28	"	D, S	Sand gravel 26; stony hardpan 92; shale 116; brown rock 139. Water at 139.
Con VII " 1	C. Congram	"	Jun. 5, 1961	4	11	92	70	"	D, S	Clay 40; sand 97; clay sand 120; hardpan 147; shale 163; grey rock 177. Water at 177.
Con VIII " 7	C. Johnston	"	Sep. 4, 1963	4	12	82	75	"	D, S	Clay 18; stony clay 82; sand stones gravel 116; hardpan 128; sand 146; stony hardpan 168; soft brown shale 186; hard brown rock 240. Water at 240.
Con VIII " 9	School Area	"	May 25, 1961	4	15	80	70	"	P	Clay 65; quicksand 125; clay hardpan stones 167; brown shale 180; grey limestone 225. Water at 225.
Con IX " 15	A. Bonnett	"	Sep. 13, 1960	4	17	39	34	"	D, S	Topsoil 1; gravel 12; sandy clay 34; gravelly clay 55; hardpan 88; shale 162. Water at 162.
Con XI " 8	E. Vance	Water Well Drilling G.L. Davidson	Nov. 20, 1963	4	10	40	40	"	D, S	Sand gravel 150. Water at 150.
Range II DRS " 22	Evangelical United Breth- ern Church	"	Jun. 8, 1963	4	15	22	19 1/2	"	P	Clay 38; sand gravel 83; clay shale 130; brown rock 169. Water at 169.
Range II DRS " 21	"	"	Jun. 24, 1963	4	15	35	25	"	P	Clay 28; sand 60; sand silt gravel 158; shale clay seams 170; brown rock 209. Water at 209.
Lindsay Twp. BRE Con II lot 26	N. Dezell	L. & A. Wright	Nov. 29, 1962	5	18	69	12	Fresh	D	Stones clay 24; white limestone 69. Water at 65.
BRE Con IV " 36	E. Brinkman	D. Wright & Sons	Sep. 3, 1960	4	10	30	6	"	D, S	Top clay 2; white limestone 45. Water at 45.
BRE Con IX " 37	E. Lynch	L. & A. Wright	Oct. 11, 1962	5	4	30	10	"	D	White limestone 59. Water at 55.
BRW Con I " 24	J. Reasby	R. & S. Wright	Sep. 6, 1963	4	4	75	20	"	D	Topsoil 1; stones 14; grey limestone 65; blue limestone 85. Water at 77 and 85.
BRW Con III " 31	H. Esch	L. & A. Wright	Jul. 29, 1961	5	12	80	15	"	D	Clay stones 8; soft white limestone 90. Water at 85.

BRUCE COUNTY - cont.

Lion's Head	A. Greig	L. & A. Wright	Nov. 20, 1960	5	4	5	47	Fresh	D	Soil 3; limestone 60; layers shale rock 101. Water at 47.
Lion's Head	M. Zimmerman	L. & A. Wright & Sons	Dec. 20, 1962	5	80	26	26	"	D	Clay sand 53; blue shale 116. Water from 80 to 110.
Lion's Head	E. M. Reid	"	Jan. 8, 1963	5	119	30	30	"	D	Dug well 30; clay sand gravel 85; blue shale 119. Water at 115.
Lion's Head	E. Matthews	B. & S. Wright	Aug. 3, 1963	5	16	16	16	"	D	Topsoil stones 10; gravel hardpan 15; fine gravel 25. Water from 16 to 25.
Lion's Head	M. Houghton	L. & A. Wright	Aug. 31, 1963	5	25	20	20	"	D	Loose stones 25. Water at 20.
St. Edmunds Twp.	V. Gaudel	S. & O. Wright	Dec. 5, 1960	4	6	22	22	Fresh	D	Hard grey limestone 62. Water at 55.
BRW Con I	J. Keenen	L. & A. Wright	Jul. 1, 1962	5	12	Flows	Flows	"	D	Soil 1; white limestone 68. Water at 64.
BRW Con I	M. Willaughan	D. Wright & Sons	Aug. 2, 1962	5	67½	40	40	"	D	Grey limestone 104. Water from 60 to 98.
BRW Con I	M. Riehl	"	Jul. 11, 1961	5	20	50	12	"	D	Grey blue limestone 69. Water at 45 and 65.
BRW Con I	E. Lambkin	"	Jul. 12, 1962	5	25	25	10	"	D, S	Clay gravel 15; grey limestone 92. Water from 50 to 87.
BRW Con I	S. Paverek	"	Jun. 12, 1966	5	4	63	4	"	D	Topsoil 2; white limestone 63. Water at 63.
BRW Con II	S. Hopkins	R. & S. Wright	Jun. 18, 1962	5	12	8	8	"	D	Clay 9; hard limestone 67. Water from 40 to 65.
BRW Con III	B. Willoughan	D. Wright & Sons	May 23, 1960	5	15	20	10	"	D	Topsoil 1; grey limestone 40; white limestone 52. Water at 52.
BRW Con V	J. Jahn	D. Wright & Sons	Jun. 1, 1963	5	12	10	6	"	D	Limestone 51. Water from 40 to 45.
BRW Con V	E. Smith	D. Wright & Sons	May 1, 1962	5	3	58	0	"	D	Sand 7; grey limestone 58. Water at 52.
BRW Con V	B. Yarwood	L. & A. Wright	Jul. 1, 1962	5	10	12	7	"	D	Sand 3; brown limestone 51. Water from 35 to 46.
BRW Con V	E. Garzda	D. Wright & Sons	Aug. 6, 1962	5	12	20	0	"	D	Topsoil 1; grey limestone 48; blue limestone 63. Water at 63.
BRW Con V	S. Irons	L. & A. Wright	Jul. 18, 1960	4	10	20	15	"	D	Topsoil 1; grey limestone 33; blue limestone 62. Water at 62.
BRW Con VI	J. P. Taylor	R. & S. Wright	Aug. 1, 1962	4	10	40	10	"	D	Topsoil 1; grey limestone 30; white limestone 64. Water at 64.
BRW Con VI	H. P. Rogers	"	Nov. 28, 1963	4	10	40	4	"	D	Grey limestone 47. Water at 40.
BRW Con VI	J. Adams	S. & O. Wright	Jun. 6, 1960	4	10	25	20	"	D	Topsoil 1; white limestone 50; grey limestone 75. Water at 75.
Tobermory	C. Goodberry Well	R. & S. Wright	Jun. 6, 1960	4	10	25	20	"	D	Gravel 44; grey limestone 54.
Tobermory	Ont. Dept. of Highways	D. Wright & Sons	Sep. 2, 1960	6	4	10	25	"	N	Gravel 44; grey limestone 54.
Tobermory	G. Watson	S. & O. Wright	Sep. 15, 1960	6	4	40	9	Fresh	N	Gravel 44; grey limestone 104.
Tobermory	L. Poor	"	Oct. 15, 1960	4	4	80	16	"	D	Grey limestone 102. Water at 92.
Tobermory	United Church	"	May 4, 1961	4	3	80	16	"	D	Grey limestone 90. Water at 65 and 80.
Tobermory	T. House	D. Wright & Sons	May 22, 1961	5	2	100	12	"	P	Grey limestone 90½. Water at 65 and 80.
Tobermory	A. Martin	"	Jul. 12, 1961	5	12	85	6	"	D	Blue grey limestone 60; cream limestone 114. Water from 50 to 60 and from 100 to 105.
Tobermory	S. Ribble	L. & A. Wright	Jul. 20, 1961	5	12	85	6	"	D	Soil 3; blue grey limestone 60; cream brown limestone 94. Water at 40 and 80.
Tobermory	J. Edmonstone	"	Aug. 26, 1961	5	10	126	22	"	D	Loose stone 1; hard dark brown rock 126.
Tobermory	T. Smith	"	Sep. 10, 1961	5	6	117	27	"	D	White limestone 117. Water at 110.
Tobermory	H. Boyce	"	Oct. 6, 1961	5	1	85	26	"	D	White limestone 88. Water at 60.
Tobermory	L. Belrose	R. & S. Wright	Apr. 30, 1962	4	10	62	60	"	D	Grey limestone 65; blue limestone 101. Water at 99.
Tobermory	D. McIver	"	May 29, 1962	5	6	15	15	"	D	Old well 56; grey limestone 86. Water at 85.
Tobermory	G. Martin	L. & A. Wright	May 29, 1962	5	4	80	17	"	D	Old well 48; grey limestone 130. Water at 70 and 125.
Tobermory	D. H. Chisholm	D. Wright & Sons	Jul. 12, 1962	5	4	110	22	"	D	Grey limestone 107. Water from 60 to 70 and from 85 to 100.
Tobermory	M. Thompson	L. & A. Wright	Sep. 25, 1962	5	3	110	32	"	D	Brown rock 140; dark rock 175. Water at 152 and 172.
Tobermory	Episcopal Church	D. Wright & Sons	Oct. 8, 1962	5	151	32	25	"	P	Stony clay 10; white limestone 151. Water at 60 and 145.
Tobermory	J. A. Eadie	"	May 30, 1963	5	10	80	25	"	P	Large boulders 10; hard limestone 145. Water from 70 to 135.
Tobermory	B. Martin	L. & A. Wright	Aug. 1, 1963	5	6	90	19	"	D	Brown limestone 132. Water from 100 to 132.
Tobermory	C. Adams	"	Aug. 16, 1963	5	1	91	20	"	D	Black soil stones 18; brown limestone 91. Water from 60 to 91.
Tobermory		"	Oct. 19, 1963	5	10	111	15	"	D	Soil stones 5; limestone 111. Water at 90.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY - cont. St. Edmund's Twp. cont. Tobermory Township Tobermory	M. Ransbury J.C. Wheeliden	L.&A. Wright	Oct.26,1963 Nov.13,1963	5 5	10 12	10 86	105 20	Fresh "	D D	Limestone 105. Water at 90. Clay 8;limestone 86. Water at 80.
Saugeen Indian Reserve Con E " 17 Con E Unsurveyed Unsurveyed	C. Metzloff H. Lee J. Bowman D. Elliott	M.S. Bellerty R. & S. Wright " D. Wright & Sons	Jun.20,1960 Jul.2,1960 Jun.7,1961 Jun.29,1963	5 4 4 5	2 10 10 1	30 50 15 60	Flows 2 Flows 10	Fresh " " "	D D D D	Sand gravel 20;blue clay 36;brown limestone 79. Water from 60 to 79. Shore sand 10;clay fine stones 30;gravel sand 35;clay hardpan 42;grey limestone 60;blue limestone 91. Water at 91. Gravel 5;hardpan stones 85;clay 92;dark grey rock 115. Water at 112. Sand 34;limestone 60. Water from 50 to 60.
Saugeen Twp. Con III " 19 Con IV " 8 " 23 Con VI " 9 Con VII " 21 Con VIII " 24 LR " 26 LR " 29 LR " 31 LR " 56 SWR " 27	K. McKinnon J.H. Starford G. Morphet J.H. Starford J. McKiesean S.S.# 7 L. Schuett S. Demar J. Alexander U.A.W. Education Centre J. Landon B.J. Cobean	G.L. Davidson " " " D. Wright & Sons G.L. Davidson D. Wright & Sons " G.L. Davidson " Durham Drillers G.L. Davidson	Sep.20,1962 Sep.25,1960 Jun.16,1962 Jul.16,1963 Aug.19,1963 Sep.2,1961 Aug.17,1962 Aug.29,1962 Jul.7, 1961 Oct.16,1961 Jul.12,1961 Jun.10,1963 Jan.24,1960	4 6 4 4 4 4 5 5 4 6 4 4 4 10	5 6 4 10 20 3 11 0 15 15 10 1 97	82 57 98 90 50 110 0 0 85 80 115 192	70 40 22 80 39 42 Flows " " 0 Flows 7 22 1/2	Fresh " " " " " " " " " " " " Fresh	D,S D,S D D,S C P D D D P D D,S P	Blue clay marl 112;sand coarse sand 144;soft brown shale 150; Water at 150. Sand 20;clay 55;sand 97;gravel 100;rock. Water at 100. Blue clay 92;quicksand 108;sandy gravel 118;brown clay stones 148;brown clay 204;sandy gravel 214;brown blue shale 230. Water at 230. Dug well 30;hard sand 50;hardpan 66;sand gravel 119;hardpan 140;sand gravel stones 185;hardpan 200;brown rock 253. Water at 253. Sand gravel clay 170;blue shale 310;red shale 315;blue shale 330. Water from 250 to 310. Clay 35;sand 81;clay 117;sand silt gravel 152;dark brown shale 172;hard brown rock 222. Water at 222. Sand 9;clay 20;quicksand 34;hardpan 69;gravel 72;brown limestone 85. Water at 82. Sand 8;clay 15;hardpan boulders 59;grey limestone 70. Water at 65. Sand boulders 29;sandy gravel boulders 45;hardpan 76;grey rock 81. Water at 81. Sand 20;clay 26;quicksand 32;sand 46;hardpan stones 92;red clay shale 108;blue clay shale 150;red clay shale 58;hard brown limestone 182;soft blue rock 180. Water at 180 and 180. Stones 90;sand 5;blue clay 13;gravelly hardpan 32;brown clay stones 90;sand gravel 102;quicksand 129;fine sand 136;sand gravel 144;coarse gravel 142. Water at 142. Clay 66;clay gravel 30;quicksand 156;stony hardpan 184;sand 202;shale 206;blue black rock 244;brown grey rock 279. Water at 279. Stony till 14;sand gravel 16;stony till 29;hard brownish grey rock 32;hard grey rock 115;hard brown rock 140;hard dark brown rock 260;light brown rock 310;hard grey rock 330;hard light grey rock 360;medium hard light brown rock 386;soft blue green shale 389. Water at 260 and from 360 to 386.
Tara Vlg.	Vlg Tara	G.L. Davidson	Jan.24,1960	10	97	192	22 1/2	Fresh	P	Stony till 14;sand gravel 16;stony till 29;hard brownish grey rock 32;hard grey rock 115;hard brown rock 140;hard dark brown rock 260;light brown rock 310;hard grey rock 330;hard light grey rock 360;medium hard light brown rock 386;soft blue green shale 389. Water at 260 and from 360 to 386.

	J. Graham	R. & S. Wright	Nov. 21, 1963	5	20	30	24	Fresh	D	Brown sandy soil 6; grey sandy clay stones 24; grey limestone 70. Water at 48 and 65.
Tiverton Vlg.	J.W. McFadyen	G.L. Davidson	Apr. 18, 1963	6	30	90	50	Fresh	P	Sandy clay 4; clay 16; sand 22; stony clay 102; gravel 106; hardpan 148; soft brown shale 168; soft brown limestone 192; hard brown limestone 239. Water from 192 to 239.
Walkerton	Bruce County Home	G.L. Lawdson	Jun. 15, 1961	8	38	100	70	Fresh	P	Fill 2; red clay 3; sandy gravel 25; clay stones sand 54; soft brown shale 59; hard brown limestone 68; medium hard blue limestone 94; medium hard red rock 104; soft blue rock 113. Water at 66, 93 and 113.
Walkerton	Hartley Hotel	Hadco Well Drilling	Jun. 28, 1961	30	18	10	8	"	P	Topsoil 1; fill 4; gravel 16; blue clay 40. Water at 16.
Walkerton	Town of Walkerton	"	Jun. 29, 1961	27½	18	30	14	"	P	Topsoil fill 4; brown clay 12; sand 14; gravel 24; blue clay 38. Water at 14.
Walkerton	S. Wyonch	R. & S. Wright	Oct. 6, 1961	5	1	65	8	"	D	Silt 2; grey limestone 69. Water at 40.
Walkerton	A.C. Bagworth	Durham Drillers	Dec. 30, 1961	4	12	72	52	"	D	Hardpan 25; clay boulders 33; grey clay 64; red shale 66; soft grey rocks 136. Water at 128 and 132.
Walkerton	P.U.C.	G.L. Davidson	Oct. 25, 1962	10	40	68	12	"	N	Clay stones 16; sand gravel stones 22; hard brown shale 34; hard brown limestone 54; medium hard bluish brown rock 64; soft bluish brown rock 74; medium hard brown rock 84; soft blue shale. Water at 54, 74 and 94.
Walkerton	"	"	Nov. 8, 1962	10	40	66	47	"	T 2-62	Brown clay 4; sand 8; brown clay 16; clay sand 54; brown clay 64; sandy clay 98; loose soft brown shale 102; hard brown rock 120; medium hard bluish brown rock 130; medium hard dark brown rock 142; soft blue shale 152; hard blue rock 163. Water at 130 and sand from 160 to 163.
DUFFERIN COUNTY Amaranth Twp.	Lot 11	C. Smith	Oct. 2, 1961	4	4	50	8	Fresh	D, S	Topsoil 3; stony brown clay 16; gravel stones blue clay 63; limestone 90. Water from 80 to 90.
Con I	R. Lawrence	C.E. Snider	Nov. 30, 1962	5	7½	46	40	"	D, S	Dug well 50; brown sand layers clay. 70; silt clay 75; silt 85; silt clay limestone boulders 98; silt clay 103; silt clay limestone boulders 106. Water at 106.
Con II	D. Christian	C. Smith	Apr. 3, 1961	4	8	30	24	"	D	Dug well 20; sandy clay 50; stony clay 60; hard brown limestone 81. Water from 65 to 81.
Con III	A. Kalnin	"	Sep. 4, 1962	4	12	55	48	"	D	Dug well 4; sandy clay 35; stony clay 95; brown limestone 115. Water from 100 to 115.
Con III	E. Horsley	"	Oct. 15, 1960	4	8	54	48	"	D	Yellow clay 58; fine sand 90; blue clay gravel stones 127; soft shaly limestone 140. Water from 127 to 140.
Con IV	A. Wilson	Water Well Drilling	Aug. 22, 1963	4	8	12	12	"	D, S	Gravel 20; clay 50; mixed gravel clay 82; hardpan 104; grey limestone 116. Water at 115.
Con IV	W.J. Lanktree	R.H. Gadke	Feb. 2, 1961	4	8	12	7	"	D, S	Topsoil 3; brown clay 30; hardpan 60; brown limestone 118. Water from 110 to 118.
Con IV	A. Salsbury	C. McClure	Mar. 1, 1961	5	10	18	18	"	D, S	Topsoil 3; blue clay stones 51; brown limestone 90; brown sandstone 120. Water at 115.
Con IV	H. Alexander	C. Smith	Aug. 15, 1962	4	12	20	14	"	D	Dug well 20; blue clay 62; brown limestone 82. Water from 72 to 82.
Con V	J. Bryan	"	Oct. 9, 1960	4	10	25	18	"	D	Dug well 20; gravel stones clay 66; limestone 115. Water from 100 to 115.
Con V	W.J. Marshall	"	Jun. 6, 1962	4	10	25	11	"	D	Topsoil 3; hard brown clay 19; sandy brown clay 28; soft clay 52; gravel 55. Water from 52 to 55.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
DUFFERIN COUNTY - cont. Amaranth Twp. - cont. Con VI	E. Clarke	Water Well Drilling C. Smith	Aug. 29, 1963	5	10	8	3	Fresh	D	Sand 68; sand coarse gravel 110; hardpan boulders 139; brown limestone 196. Water at 195.
Con VI	T.C. Hughes	"	Dec. 19, 1960	4	12	30	18	"	D	Stony grey clay 90; gravel clay 98; limestone 132. Water from 120 to 132.
Con VII	M. McPherson	R.H. Gadke	Feb. 23, 1961	4	2	Flows	"	"	D, S	Top clay 2; brown clay 50; gritty hardpan 70; grey limestone 80. Water from 75 to 80.
Con VII	W. Wolfe	"	Mar. 1, 1961	4	8	40	30	"	D, S	Stony clay 10; brown clay 30; hardpan 70; gravel 76; brown limestone 146. Water from 140 to 146.
Con VII	C.E. Jelly	J. Qudney	May 15, 1963	4	15	6	3	"	D	Gravelly clay 10; stony clay 70; grey limestone 130. Water from 120 to 130.
Con VII	E. Duncan	R.H. Gadke	Jan. 3, 1961	4	8	24	24	"	D, S	Tonsoil fill 71; clay gravel 30; shale loose rock 62; yellow brown blue shale 121. Water from 62 to 121.
Con VIII	F. Gamble	"	Mar. 23, 1961	4	8	60	30	"	D, S	Sand 25; clay 3; gravel 56; hardpan 92; brown limestone 120; white limestone 204. Water from 200 to 204.
Con VIII	R.B. Evans	"	Sep. 18, 1961	4	8	20	20	"	D, S	Clay stone 20; gravel 30; hardpan stone 52; sand 85; sand loose brown shale 92; brown white limestone 160. Water at 159.
Con VIII	N. Stein	C. Smith	Jul. 21, 1961	4	25	25	6	"	D	Brown clay boulders 45; brown clay 78; limestone boulders clay 94; limestone 126. Water from 110 to 126.
Con VIII	P.F. Hayden	"	Aug. 23, 1962	4	10	36	33	"	D	Boulders clay 12; gravelly clay 35; yellow brown limestone 75. Water from 60 to 75.
Con VIII	W. Johnson	"	Mar. 23, 1961	4	10	30	20	"	D	Clay boulders 36; shaly limestone gravel 53. Water from 50 to 53.
Con IX	J. Maxwell	G. Tortington	Nov. 3, 1962	36	3	5	5	"	D	Brown clay 2; coarse gravel clay 10. Water at 5.
Con IX	O. Gate	R.H. Gadke	Jan. 25, 1961	4	8	35	35	"	D, S	Topsoil 5; stony hardpan 40; loose yellow brown shale 98; hard brown limestone 101. Water at 100.
Con IX	G. Phillips	Ladco Drilling	Dec. 16, 1963	4	8	21	17	"	D, S	Clay rocks 58; brown limestone 61. Water from 59 to 61.
Con X	D. Gamble	C. Hill	Aug. 1, 1963	4	10	70	8	"	D	Gravel boulders 10; quicksand 30; gravel boulders 40; hard blue rock 70; grey limestone 120. Water at 120.
East Garafraxa Twp. Con B	J. Romanyszun	Water Well Drilling	Jun. 17, 1963	5	8	35	35	Fresh	D, S	Fill 10; sand boulders 130; hardpan 140; clay gravel mixed 174; brown limestone 195. Water at 194.
Con B	A. Stinson	"	Jul. 16, 1963	5	10	30	30	"	D, S	Dug well 15; mixed sand clay 112; hardpan boulders 144; brown limestone 184. Water at 182.
Con C	R. Thompson	C. Smith	Jan. 12, 1962	4	10	40	35	"	D	Brown clay 3; gravel stones clay 60; layers soft limestone brown clay 68; shaly limestone gravel 70. Water from 68 to 70.
Con C	W. Montgomery	R.H. Gadke	Nov. 23, 1961	4	8	70	40	"	D, S	Clay boulders 20; gravel 30; hardpan 62; sand 83; brown limestone 104. Water at 100.
Con C	M. Yellian	"	Aug. 24, 1961	4	8	20	16	"	P	Sand small stones 82; white rock 84. Water at 83.
Con IX	C.A. McCathy	Graham Well Drilling	Sep. 6, 1962	5	10	60	38	"	D, S	Old dug well 25; fine sand clay 40; clay gravel 68; fine sand 78; stony hardpan 98; brown rock 150; light grey rock 183. Water at 183.
Con X	G. Curtis	"	Jun. 26, 1962	5	10	80	56	"	D, S	Stony brown clay 40; soft clay 92; fine brown sand 104; stony hardpan 148; soft sandy clay 152; clay coarse gravel 163; light brown stone 207; yellow brown stone 225; brown rock 228. Water from 226 to 228.
Con XI	A. Gibson	Ladco Drilling	Sep. 12, 1961	4	10	100	75	"	D, S	Sand 22; clay 40; sand 55; clay rocks sand layers 205; limestone 255. Water at 250.
Con XI	M. McGowan	"	Nov. 28, 1962	4	10	80	78	"	D, S	Sandy clay 18; gravel sand 23; sand 35; clay sand layers 145; clay rocks 208; limestone 322. Water at 321.

Con XII	lot 5	G. Turner	D.P. Jacobson	Jan. 25, 1961	6 1/2	24	70	57	Fresh	D, S	
Con XII	" 14	E.J. Lock	J. Qudney	Jul. 22, 1960	4	10	30	7	"	D	Brown sand 28; sandy brown clay 39; light clay 55; quicksand 58; clay quicksand streaks 87; hardpan 96; quicksand 114; clay 130; sandy clay 138; hardpan 155; soft clay sand streaks 167; hardpan 173; hard clay sand 189; sandstone clay 193; clay sand streaks 205; limestone 288. Water from 260 to 280.
Con XIII	" 1	D. Overland	Ladco Drilling	Aug. 15, 1962	4	10	65	40	"	D, S	Clay large stones 45; grey limestone 125. Water at 125.
Con XIII	" 7	G. Woods	Graham Well Drilling	Oct. 23, 1961	5	9	70	55	"	D, S	Dug well 45; quicksand 55; brown sand clay 80; grey clay fine sand 92; grey clay gravel 140; fine sand 145; grey clay gravel 171; fine sand 195; gravel 201; light grey rock 290. Water from 223 to 290.
Con XIV	" 11	J.S. Simpson	J. Qudney	Aug. 1, 1960	4	8	50	30	"	D	Sandy clay 140; limestone 225. Water at 125.
Con XVI	" 1	M. Brown	Water Well Drilling	May 3, 1962	5	8	44	44	"	D, S	Clay 50; sand 70; gravel 105; blue sandy clay 176; gravel 200; brown limestone 220. Water at 220.
Con XVI	" 2	J. Smith	Ladco Drilling	Mar. 29, 1963	4	8	108	100	"	D, S	Sand 15; gravel sand layers 80; grey clay rocks 275; light grey limestone 424. Water from 408 to 410.
Con XVII	" 1	McPee Bros.	"	Aug. 24, 1962	4	10	30	25	"	S	Clay 30; sand 54; clay rocks 75; sand 110; clay rocks 140; gravel 153; clay rocks 173; boulders 202; grey limestone 208. Water at 208.
Con XVII	" 2	M. Smith	"	Mar. 1, 1963	4	8	105	100	"	D, S	Sand 15; gravel sand layers 80; sand 110; clay rocks 265; light grey limestone 290. Water from 284 to 290.
Con XVII	" 4	E. Ferns	"	Mar. 16, 1963	4	10	55	53	"	D, S	Brown clay rocks 20; sandy clay 60; grey clay rocks 160; sand rocks 180; grey clay rocks 192; dark grey limestone 285. Water at 285, 267 and 283.
Con XVII	" 8	M. Webster	"	Sep. 3, 1962	4	10	75	72	"	D, S	Clay 5; sand 90; brown clay rocks 170; red clay rocks 180; grey clay rocks 196; grey limestone 204. Water at 203.
Con XVIII	" 3	A. Oliver	"	Dec. 21, 1963	4	10	40	32	"	D, S	Sandy clay 10; gravel sand 40; clay rocks sand layers 138; brown limestone 193. Water from 185 to 193.
Con XVIII	" 4	R. Woods	G. Tortington	Dec. 9, 1963	3 1/2	3 1/2	40	22 1/2	"	D, S	Topsoil 2; subsoil stones 10; clay 35; gravel sand 42 1/2. Water at 38.
East Luther Twp.	lot 31	O. Forman	Water Well Drilling	Aug. 25, 1960	4	7	43	21	Fresh	C	Hardpan 60; gravel boulders 94; brown limestone 98; grey limestone 154; hard white limestone 206. Water at 178.
Con IV	" 31	J.H. Hallis	J. Qudney	Apr. 20, 1973	4	35	10	0	"	S	Clay 8; hard blue limestone 50. Water at 50.
Con VII	" 27	S.S. # 1	C. Smith	Feb. 9, 1961	4	8	26	21	"	P	Clay boulders 58; limestone 83. Water from 70 to 83.
Con VIII	" 28	L. Richardson	"	Jul. 16, 1962	4	15	10	Flows	"	D	Dug well 17; boulders blue clay 59; limestone 67. Water from 59 to 67.
Con IX	" 29	L. Monahan	J. Qudney	Jun. 24, 1961	4	15	30	11	"	D	Stony clay 72; blue limestone 100. Water at 100.
Con IX	" 30	Ont. Hydro Camp	J.L. Graham	Nov. 11, 1960	5	15	37	18	"	P	Topsoil 2; stone gravel hardpan 43; sand gravel 54; cemented gravel 62; grey blue rock 108. Water at 108.
Con XIII	" 27	J. Fludums	R.H. Gadke	Aug. 30, 1961	4	6	20	15	"	D, S	Clay 5; coarse gravel 16; loose brown rock 30; loose brown rock hard streaks 58; hard brown limestone 101; hard grey limestone 148. Water at 145.
Grand Valley Vlr.		A. Davies & W. Gibbs	Water Well Drilling	Feb. 20, 1960	4	10	Flows	Flows	"	D	Gravel 22; brown limestone 74. Water at 32.
Grand Valley		C. Churley	"	Mar. 8, 1960	4	10	18	18	"	D	Blue boulders 20; clay gravel 40; brown limestone 101. Water at 100.
Grand Valley		J. Nichols	R.H. Gadke	Mar. 25, 1960	4	8	11	11	"	D	Gravel 30; hardpan 38; brown shale 42; grey limestone 106; white limestone 155. Water at 154.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUPPERIN COUNTY - cont. Grand Valley Vlg.-cont. Grand Valley Grand Valley Grand Valley	N.J. Crane B. Davison D. Richardson	J. Oudney Graham Well Drilling	Jul.11,1960 Jul.16,1960 Sep.17,1962	4 4 4	10 12 15	20 22 40	10 9 16	Fresh " "	D D D	Stony clay 18;hard blue limestone 50. Water at 50. Clay large stones 35;hard blue rock 115. Water at 115. Large boulders 22;gravel boulders 46;sandy clay 49;broken rock 52;brown stone 90;grey stone 110;light grey stone 120. Water at 120. Dug well tilled 20;gravelly clay 30;hard brown limestone 60. Water from 50 to 60. Large stones gravel 18;hard blue limestone 59. Water at 59.
Grand Valley	E.Pirth & J. Ferris	C. Smith	Feb.2, 1963	4	8	20	4	"	D	
Grand Valley	Presbyterian Church	J. Oudney	Apr.13,1963	4	13	10	6	"	D	
Grand Valley	W. Junecko	Graham Well Drilling	May 8,1963	5	15	80	48	"	D	Clay stones 25;gravel boulders 40;stony horizon 70;hard clay 78;brown stones 108;blue rock 168. Water at 165.
Grand Valley	W.H. Elgie	J. Oudney	Oct.4,1963	4	12	65	60	"	D	Sandy clay 35;stony yellow clay 80;grey limestone 144. Water at 140.
Grand Valley	W. Bounding	"	Oct.15,1963	4	10	50	32	"	D	Grey clay large stones 60;grey limestone 125. Water at 125.
Grand Valley	T. West	Water Well Drilling	Oct.18,1963	4	10	27	27	"	D	Gravel large boulders 50;brown limestone 110;white limestone 130. Water at 130.
Melancthon Twp. Con I	J. Gallsagher	Durham Drillers	Apr.11,1961	4	10	45	38	Fresh	D	Sandy clay 55;sand 90;broken rock 93;grey rock 111. Water at 108.
Con I	J. Payne	C. Smith	Jan.26,1961	4	8	49	47	"	D	Boulders clay 10;gravel clay 32;limestone 65. Water from 49 to 65.
Con I	E. Breadner	"	Apr.11,1962	4	10	50	45	"	D	Topsoil 31;stony brown clay 24;layers limestone red clay 53; limestone 75. Water from 60 to 75. 46;soft layers brown topsoil;brown clay gravel stones 78. Water from 60 to 78.
Con I	W. Webster	"	Sep.11,1962	4	6	60	56	"	D	Topsoil 31;hard stony brown clay 35;limestone boulders 47; limestone 82. Water from 72 to 82.
Con I	B. Robinson	"	Oct.18,1962	4	6	67	60	"	D	Topsoil 1;clay boulders 12;hardpan 33;gravel 38;limestone 101. Water at 85.
Con I	C. Bates	"	Nov.19,1963	4	8	46	43	"	D	Topsoil 1;subsoil stones 20;limestone 102. Water from 90 to 95.
Con II	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Apr.30,1960	6	25	42	18	"	P	Gravelly clay 24;clay stones 44;brown limestone 75;white limestone 88. Water from 70 to 83.
Con II	United Church	C.E. Snider	Apr.26,1961	4	10	60	45	"	D	Topsoil 61;grey clay 20;sand 30;stony clay 60;coarse sand 90; brown rock 108. Water at 95 and 105.
Con II	G.W.O'Connell	C. Smith	Aug. 8,1963	4	8	65	60	"	D	Brown clay boulders 10;soft shaly limestone 95;limestone 88. Water from 60 to 88.
Con II	D. Ferguson	Durham Drillers	Nov. 1,1962	4	20	40	30	"	D, S	Dug well 27;yellow clay stones 42;grey limestone 59. Water at 59.
Con III	J. Montgomery	C. Smith	Apr.11,1961	4	8	30	23	"	D	
Con III	N. Jerkovich	A. Loucks	Dec.26,1961	4	5	20	20	"	D, S	
Con III	H. Squirrell	C. Smith	Feb. 5,1962	4	5	75	55	"	D	Stony brown clay 33;layers soft limestone clay 39;limestone 105. Water from 85 to 105.
Con IV	L. Jordan	Durham Drillers	Oct.17,1963	4	12	48	21	"	D, S	Topsoil clay gravel 20;sand clay 35;soft brown shale 44;grey rock 120. Water from 70 to 100.
Con IV	J. Holliver	B.H. Gadke	Dec.12,1960	4	7	40	16	"	D, S	Topsoil 4;clay hardpan 28;brown limestone 68. Water from 60 to 68.
SRE Con I	I. Lanceshire	Durham Drillers	Feb.20,1963	4	20	17	14	"	D	Stones boulders 20;gravel stones 42;horizon boulders 64;sand gravel 72;gravel 84. Water at 82 and 84.
SRE Con I	G. Oliver	"	Oct.18,1962	4	12	70	24	"	D	Topsoil 4;sandy clay 25;stony clay 50;sandy clay 60;stony clay 65;clay 79;hard grey rock 91. Water at 65 and 85.
SRE Con I	J. Delmer	M.S.Bellerty	Oct.16,1963	4	4	26	25	"	D, S	Previously drilled 60;hard grey limestone 160. Water from 155 to 160.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DUPPERIN COUNTY - cont. Mono Twp. - cont.										
HSE Con III lot 21	K. Bell	C. Smith	May 17, 1960	4	8	63	61	Fresh	D	Boulders clay 39; shaly limestone 48; limestone 78. Water from 61 to 70.
HSE Con III	C. VanWagner	"	May 27, 1960	4	6	90	40	"	D	Gravelly clay 20; red shale blue shale 144. Water from 80 to 144.
HSE Con III	G.P. Wigle	"	Nov. 12, 1963	4	8	58	53	"	D	Gravelly clay 20; sandy clay gravel stones 50; gravelly clay 76; gravel 72. Water at 70.
HSE Con IV	F. Tauchen	"	Jul. 20, 1960	4	4	120	22	"	D	Gravel clay mixed 60; sandy clay 100; gravelly clay 110; blue dolomite 160; blue red shale 190. Water from 110 to 190.
HSE Con IV	M. Lucyk	"	Nov. 28, 1961	4	6	55	25	"	D	Stony clay 7; hard layers brown clay 15; gravel stones clay 30; red shale 92. Water from 75 to 92.
HSE Con IV	D. McKinnon	Water Well Drilling	Oct. 5, 1962	4	8	45	45	"	D	Dug well 37; mixed sand gravel 110; gravel 113. Water at 113.
HSE Con IV	R.W. Holmes	C. Smith	Dec. 11, 1961	4	2	135	45	"	D	Sandy clay 15; brown clay 40; sand 57; red shale 153. Water from 135 to 153.
HSE Con IV	C. Rutledge	"	Oct. 8, 1962	4	3	125	66	"	D	Gravel stones brown clay 90; stony blue clay 105; red shale 186. Water from 152 to 186.
HSE Con IV	L. McKelvey	"	Oct. 28, 1963	4	10	63	58	"	D	Gravelly clay sand 75; gravel 80. Water from 75 to 80.
HSE Con IV	S. Guylletti	"	Nov. 4, 1963	4	8	75	65	"	D	Gravelly clay 60; sandy layers 95; gravel 97. Water at 95.
HSE Con IV	J. Denison	C.E. Snider	Apr. 12, 1963	4	2	95	68	"	D	Topsoll 1; brown sand 6; stones hardpan 70; brown sand yellow clay red clay blue clay 82; blue clay 85; red stony clay 95; red blue shale 125. Water at 123.
HSE Con IV	C. VanWagner	C. Smith	Aug. 30, 1961	4	2	250	90	"	D	Topsoll 3; stony clay 15; gravel clay 60; sand 120; blue clay 260; sandy clay layers red shale 270; solid red blue shale 316. Water from 290 to 316.
HSE Con V	T. Tiffin	"	Sep. 21, 1960	4	4	50	Flows	"	D	Clay 70; sand clay fine gravel 81. Water from 78 to 81.
HSE Con V	E. Coleman	"	Mar. 26, 1962	4	3	135	60	"	D	Topsoll 2; stony brown clay 30; sandy brown clay 46; limestone 59; red shale layers blue shale 155. Water from 100 to 155.
HSE Con V	Dr. C. Hanes	"	Oct. 6, 1961	4	8	46	45	"	D	Topsoll 4; gravel stones clay 18; brown clay 30; stony brown clay 56; gravel 60. Water from 56 to 60.
HSE Con V	J. Smart	"	Jul. 3, 1962	4	10	20	Flows	"	D	Brown clay layers sand 21; grey clay 33; gravel 35. Water from 33 to 35.
HSE Con VI	B. Galbraith	"	Oct. 34, 1961	4	8	80	22	"	D, S	Topsoll 3; brown clay 6; soft layers limestone 14; limestone 24; blue red shale 135. Water from 100 to 135.
HSE Con VI	J.S. Anderson	Babuk Well Boring	Mar. 5, 1963	30	1 1/2	42	24	"	S	Red clay boulders 23; red shale 43. Water at 39.
HSE Con VI	M.K. Lindsay	C. Smith	Aug. 22, 1963	4	8	85	70	"	D	Sandy clay 50; blue clay 100; gravelly clay 105; gravel fine sand silt 107. Water from 100 to 107.
HSE Con VII	S.S.# 21	"	Mar. 16, 1962	4	4	80	42	"	P	Stony brown clay 45; gravelly brown clay 55; blue clay 71; blue shale 120. Water from 100 to 120.
HSE Con VII	K. Haddock	"	Oct. 13, 1961	4	7	95	90	"	D, S	Old well 42; blue clay 108; sandy blue clay 112; gravel red shale 118. Water from 112 to 118.
HSE Con VII	E. Rosinger	G. Tortington	Oct. 1, 1962	36	3	4	4	"	D	Sandy loam 14; coarse gravel stones clay 10. Water at 14.
HSE Con VIII	S. Breedon	"	Sep. 29, 1962	36	2	20	20	"	D, S	Clay loam 2; red clay 20; grey limestone 28. Water at 20 and 28.
HSE Con VIII	W. Halbert	Babuk Well Boring	Nov. 21, 1961	30	3	3	17	"	S	Brown clay 5; gravelly brown clay 9; sandy brown clay 18; gravel 21; blue clay 31. Water at 18.
HSE Con VIII	R. McKelvey	"	Nov. 16, 1962	30	4	23	23	"	D, S	Sandy brown clay boulders 23; gravel boulders 26; sandy blue clay boulders 34. Water at 23.
HSW Con I	R. Stewart	R.H. Gadke	Jun. 21, 1960	5	8	65	30	Salty	C	Old well 15; boulders hardpan 40; red blue shale 144. Water at 65 and 144.
HSW Con I	Edelbrock Bros	C. Smith	May 4, 1960	4	6	110	50	Fresh	D, C	Clay boulders 60; sand 64; blue shale 150. Water from 120 to 150.
HSW Con I	Edelbrock Lumber Co.	Water Well Drilling	Sep. 24, 1962	5	7	90	47	"	C	Gravel 12; sand boulders 78; blue shale 134; hard grey limestone 136. Water at 135.
HSW Con I	G. Tortington	"	Nov. 1, 1962	36	50	40	26	"	C	Topsoll 24; coarse gravel 6; coarse sand 11; blue clay 1. Water at 6.
HSW Con I	S.H. James & R.A. Withers	C. Smith	Jan. 7, 1963	36	6	40	26	"	D	Stony clay 24; shaly limestone clay 40; brown limestone 65; white limestone 78. Water from 60 to 78.

DUFFERIN COUNTY - cont.

one Twp. - cont.	lot 16	C. Shropshire	Aug. 15, 1963	6	6	48	Fresh	Brown clay boulders 30;centred gravel grey clay 69;large boulder 70. Dry hole.
HSW Con I	" 27	H. Rutledge	Jan. 17, 1961	4	6	54	"	Dug well 50; coarse sand 70; sand clay 90; clay gravel stones 98; limestone 117. Water from 105 to 117.
HSW Con II	" 4	J. Kovacs	Jul. 28, 1960	4	5	40	16	" Sandy clay 24; silty limestone 32; limestone 60. Water from 50 to 60.
HSW Con II	" 4	J. Farmer	Jul. 13, 1961	4	25	28	8	" Sand gravel stones 10; clay boulders 33; limestone 70. Water from 50 to 70.
HSW Con II	" 4	W.E. Neumann	Nov. 30, 1961	4	8	15	11	" Sandy clay 30; gravel shaly limestone 40. Water from 37 to 40.
HSW Con II	" 4	A.E. Cunningham	Nov. 13, 1962	4	6	20	15	" Sandy clay 12; stony clay 25; stones shelly rock 32; brown limestone 60. Water from 54 to 60.
HSW Con II	" 8	E. Hunt	Dec. 3, 1963	4	6	28	18	" Stony clay 25; sandy clay 30; shelly limestone gravel 40; limestone 50. Water from 30 to 45.
HSW Con II	" 21	W.D. Meitz	Dec. 10, 1963	4	12	10	6	" Stony clay 10; sandy clay 28; silty limestone clay gravel 33; brown limestone 48. Water from 40 to 48.
HSW Con II	" 24	H.J. Burton	Aug. 28, 1963	4	15	Flows	Flows	" Black muck 2; yellow sandy clay 20; blue grey clay gravel stones 50; shell rock gravel 40. Water from 55 to 60.
HSW Con II	" 32	H. Watson	Jan. 25, 1960	4	8	21	21	" Brown clay 42; grey brown limestone 56; blue red shale 111. Water from 100 to 111.
HSW Con II	" 32	G. Wassen	Dec. 29, 1962	4	6	15	8	" Sand 37; clay rocks 47; gravel sand 50; blue white limestone 60. Water from 47 to 50.
HSW Con III	" 13	L. DeAngelis	Oct. 29, 1960	4	10	24	12	" Dug well 30; gravel stones clay 71; hard limestone 89. Water from 75 to 89.
HSW Con III	" 32	Dr. E. Erickson	Oct. 22, 1962	4	18	25	20	" D, S Open hole 18; gravel 25; grey clay 40; sandy clay 50; stony clay 70; brown rock 88. Water at 70 and 85.
Wilmur Twp.	lot 1	C. Smith	Nov. 26, 1960	4	4	117	114	" Clay boulders 20; gravel stones clay 78; grey clay 119; limestone 132. Water from 133 to 132.
HSE Con II	" 18	W. Kilbourne	Oct. 21, 1960	4	6	50	28	" Coarse sand 30; sandy clay 90; gravelly clay 95; blue shale 98. Water from 95 to 98.
HSE Con II	" 20	J. Findlay	Jun. 29, 1962	4	6	75	52	" Sandy brown clay 6; boulders clay 17; sharp coarse sand 47; brown clay 68; stony blue clay 97; blue shale 105. Water from 100 to 105.
HSE Con III	" 22	I. Robertson	Aug. 14, 1961	4	5	80	50	" Sand 3; gravelly clay 25; sand brown clay 100; coarse sand 115; blue clay 167; gravel blue shale 170. Water from 167 to 170.
HSE Con III	" 30	D.E. Johnston	Dec. 22, 1961	14	3	96	39	" Red clay stones 14; light brown rock 55; red shale 108. Water at 105.
HSE Con IV	" 22	H. Mesdag	Apr. 8, 1961	30	150		33	" In Brown sand gravel 7; blue clay 44. Water at 42.
HSE Con IV	" 22		Nov. 17, 1962	30	2		30	" Sandy brown clay 28; hard sandy brown clay 30; brown sand 40; sandy brown clay 42. Water at 30.
HSE Con V	" 1	Ont. Dept. of Highways	Mar. 28, 1963	4	8	60	50	" Clay gravel boulders 16; sand 74; red blue shale 180; blue limestone 242. Water at 240.
HSE Con V	" 7	D. McLaughlin	Sep. 26, 1962	4	4	135	125	" Brown sand clay 43; brown clay gravel stones 78; silty sand 90; blue clay 185; fine sand blue clay 190; fine gravel 192. Water from 190 to 192.
HSE Con V	" 12	O. McKee	Oct. 12, 1961	30	60		20	" Bored hole 15; red shale 25. Water at 20.
HSE Con V	" 25	J.H. Gillespie	Oct. 21, 1960	30	120		16	" Sandy brown clay 21; sandy gravel 6; fine brown sand 33; water at 16.
HSE Con VI	" 6	E. Gallagher	Mar. 21, 1962	36	25		23	" Sandy clay 25; gravel 27. Water at 25.
HSE Con VI	" 27	Hamilton Bros.	May 15, 1961	30	64		16	" Brown sand 2; gravel 8; brown sand 27; water at 16.
HSE Con VI	" 28	R. Lange	Nov. 5, 1962	30	1		28	" Sandy brown clay 26; fine sand 43; water at 28.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE*
DUFFERIN COUNTY - cont. Mulmur Twp. - cont.								
HSE Con VI lot 32	C.R. Lennox	Babink Well Boring	Nov. 2, 1962	30				
HSE Con VI " 32	"	"	Nov. 3, 1962	30				
HSE Con VI " 32	"	"	Nov. 3, 1962	32				
HSE Con VII " 10	E. Macs	"	Oct. 10, 1961	30	1	10	Fresh	In
HSE Con VII " 11	E. McDonald	"	Nov. 27, 1961	30	50	23	"	D
HSE Con VIII " 13	A. Hubrecht	M. Babuik	Mar. 29, 1961	30	10	2	"	In
HSW Con I " 16	B.J. Langdon	King City Well Drilling Co., Ltd.	Sep. 7, 1962	4				
HSW Con I " 16	"	"	Sep. 9, 1962	4				
HSW Con I " 16	"	"	Sep. 17, 1962	4	6	25	Fresh	D
HSW Con I " 16	"	"	Sep. 22, 1962	4	10	14	"	D
HSW Con I " 20	F. Attwood	C. Smith	Jun. 20, 1962	4	5	132	"	D
HSW Con I " 24	T. Prowse	Durham Drillers	Aug. 9, 1963	4	12	108	"	D, S
HSW Con II " 1	J. Booth	C. Smith	Jul. 28, 1961	4	25	28	"	D, C
HSW Con II " 31	S.S.# 20	M.S. Bellerby	Sep. 10, 1960	5	5	50	"	P
HSW Con III " 19	E. Westcott	Abercrombie & Jackson	Jul. 11, 1961	4	3	130	128	"
Orangeville Town	J.M. Case	Water Well Drilling	Jan. 12, 1960	4	7	17	7	Fresh
Orangeville	Can. Christian Reform Church	R.H. Gadke	Aug. 18, 1960	4	10	18	18	"
Shelburne Vlg.	W. Little	R.H. Gadke	Apr. 26, 1960	10	25		Flows	Fresh
ELGIN COUNTY Aldborough Twp.								
lot 12	W. Blain	W. Marsh	Aug. 5, 1961	4	1	129	45	Fresh
BP " 13	"	V. & R. Lather	Mar. 21, 1961	4				
BP " 14	Beattie Haven	G. Evans	Nov. 1, 1962	5				
BP " 14	"	"	Nov. 15, 1962	5	6	193	30	Fresh
BP " 15	"	"	Jul. 15, 1963	1 1/2	25	14		P
Con V " 4	Elgin Petroleum Corp. Ltd.	W. Marsh	Apr. 28, 1962	5	35	130	90	In
Con V " 5	Can. Cities Service	International Water Supply	Jan. 12, 1962	2		85		T

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ^a	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Bayham Twp. - cont.										
Con IV	lot 1									
Con IV	R. Borm	Hadoo Services Ltd.	Mar. 29, 1963	30	5	28	15	Fresh	D, S	Topsoll 1; brown sand 11; blue clay 14; blue sand 25; grey sand 32; quicksand 37. Water at 15 and 32.
Con IV	H. Millard	G. Warren	Apr. 26, 1960	5	5		30	Saltpur	D, S	Yellow sand 10; grey clay 100; grey clay stones 165; gravel 174; clay stones 171; limestone 184. Water from 165 to 174.
Con IV	J. Cairns	W.E. Locker	Apr. 1, 1962	4	1 1/2	16	8	Fresh	D	Yellow sand 11; fine grey sand 22. Water at 11.
Con IV			Jan. 11, 1963	4	1	5	5	"	D	Yellow sand 5; fine grey black sand 14; grey clay 18; fine grey sand 27. Water from 5 to 14 and from 18 to 27.
Con IV	P. Voros	G. Warren	Aug. 23, 1962	5	6	200	160	"	D, S	Yellow sand 15; grey sand 33; grey clay 203; grey clay stones 281; black shale 283. Water at 283.
Con IV	H. Gehring	C.H. Kent	Sep. 18, 1963	7						Sand 22; blue clay 48. Dry hole.
Con IV	E. Wilks	J.H. Weaver & Son	Dec. 24, 1960	1	8		9	Fresh	D, S	Topsoll 1; yellow sand 5; white sand 15. Water at 9.
Con IV	C. Lyce	L. Hodgson	May 7, 1962	1	4		8	"	D, S	Fine sand 8; coarse sand 13. Water at 8.
Con V	J. Wolf	J.H. Weaver & Son	Mar. 14, 1961	1	8		15	"	D, S	Topsoll 1; yellow sand 4; brown clay 9; white sand 15; brown sand 24. Water at 15.
Con V	C. Humphrey	"	Mar. 7, 1961	1	8		22	"	D, S	Topsoll 1; yellow sand 4; brown sand 6; white sand 22; grey quicksand 32. Water at 22.
Con VIII	J. Daradics	G. Warren	Nov. 11, 1961	5	7	9	1	"	D	Loam 4; grey clay 21; sandy clay 55; blue clay 70; sand 88. Water from 71 to 88.
Con VIII	A. Vermeersch	"	Feb. 27, 1961	5	5	65	46	"	D, S	Yellow loam 12; soft grey clay 70; fine sand 76. Water from 70 to 76.
Con VIII	A. Dieleman	"	Apr. 8, 1961	5	10	60	44	"	Ir	Yellow sand 32; white sand 40; clay stones 108; fine sand 110; fine gravel 120. Water from 110 to 120.
Con VIII	L. Pazakas	"	Apr. 28, 1961	5	10	25		Sulphur	Ir	Clay 114; sand gravel 137. Water at 114.
Con VIII	C. Jackson	"	Mar. 25, 1962	5	5	80	66	Fresh	D, S	Yellow sand 76; fine sand 89. Water from 76 to 89.
Con VIII	V. Galeckas	Coile Water Wells	Dec. 13, 1963	5	4	150	100	"	D	Open hole 32; yellow sand 55; putty sand 98; grey clay stones 130; putty sand 168; sand streaks gravel 174. Water from 169 to 174.
Con VIII	A. Kunitis	"	Apr. 6, 1963	5	5	90	68	"	Ir	Open hole 36; yellow sand 50; putty sand 104; grey clay stones 115; sand 126. Water from 115 to 126.
Con VIII	C. Ray	Tillsonburg Pump Wells	Jul. 13, 1961	2	8		54	"	D	Loam 8; sand 54; clay 69; putty sand 80; clay 103; putty sand 110; red clay 111; sand 123. Water from 111 to 122.
Con VIII	O. Ostrander	W. Burwell	Dec. 20, 1960	2	4		71	"	D	Dug well 60; sand 68; clay 70; coarse sand 96. Water from 71 to 96.
Con VIII	J. VanDenBrink	W.E. Locker	Oct. 3, 1962	5	1	55	31	"	D, S	Black loam 21; coarse sand 36; blue clay 81; fine sand 90; blue clay. Water from 81 to 90.
Con VIII	K. Linghor	W. Burwell	Nov. 26, 1962	1	2	14	12	"	D	Sand 18. Water at 12.
Con VIII	J. Zwilstra	W.E. Locker	Dec. 24, 1963	5 1/2	3	75	60	"	D	Ton sand 3; brown clay 12. 18; silty sand 60; red clay 67; fine nutty sand 99; clay water from 67 to 99.
Con VIII	L. Alton & Son	"	Dec. 1, 1961	5	7 1/2	80	78	"	S	Dug well 80; fine gravel 110; coarse sand 125; fine quicksand 132. Water at 80.
Con IX	A. Barham	C. Warren	Aug. 23, 1960	5	5	30			D	Clay 11; gravel 120. Water at 117.
Con IX	M. Rochas	E. Hoover	Nov. 24, 1961	5	3	45	30		D, S	Topsoll 2; fine clay 8; blue clay 50; putty sand 70; clay gravel 80; sand 82. Water at 80.
Con IX	A. Freed	G. Warren	Aug. 31, 1960	5						Yellow clay 12; putty sand 15; clay stones 170; grey clay 180. Dry hole.
Con IX	"	W.E. Locker	Nov. 3, 1960	4	2	26	23	Fresh	D	Brown clay 30; clay gravel 57; sand gravel 59; fine gravel 63. Water from 59 to 63.
Con IX	"	C. Strome	May 19, 1962	4	2	44	24	"	D	Black loam 2; red loam 6; red clay stone 15; blue clay 48; gravel 51; sand 60; medium sand 65. Water at 60.
Con IX	P. Phust	G. Warren	Sep. 12, 1960	5	6	30	14	"	D, C	Open hole 14; clay stones 45; putty sand clay 49; dirty gravel 60; sand 60. Water from 55 to 60.
Con IX	R. Hopp	C. Norman	Nov. 14, 1961	3	10				D	Topsoll 2; putty sand 12; hard blue clay 56; gravel 58. Water from 56 to 58.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ^a	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont.										
Bayham Twp. - cont.										
123 Bayham Twp.	R. DeClercq	J.H. Weaver & Son	Mar. 16, 1962	1	8		16	Fresh	D	Open well 16; grey quicksand 36. Water at 16.
124 Bayham Twp.	L. Burwell	W. Burwell	Oct. 7, 1963	2	3		11	"	D	Sand 36. Water at 25.
125 Bayham Twp.	L. Burwell	J.H. Weaver & Son	Mar. 1, 1961	1	8		10	"	Ir	Open well 15; coarse gravel 25. Water at 10.
126 Bayham Twp.	M. Bertha	J.H. Weaver & Son	May 19, 1962	1	8		19	"	D	Topsoil 1; yellow sand 5; white sand 18; red clay 19; brown quicksand 30. Water at 19.
127 Bayham Twp.	M. Coyle	J.H. Weaver & Son	Oct. 2, 1962	5	3	20	18	"	D	Sand 36. Water at 29.
128 Bayham Twp.	J. Reinhardt	W. A. Belore	May 23, 1963	1	8	12	12	"	P	Red sand 7; grey sand 10; sand 34. Water at 17.
129 Bayham Twp.	Norlunn Corp.	J.H. Weaver & Son	Jun. 24, 1961	1	8		12	"	D	Topsoil 1; yellow sand 4; brown clay 9; white sand 12; grey quicksand 30. Water at 12.
130 Bayham Twp.	C.P. Coyle	C. Strome	Nov. 1, 1962	1	2		15	"	D	Topsoil red sand 7; coarse white sand 19; medium white sand 30.
131 Bayham Twp.	L. Grant	"	Oct. 7, 1963	1	4		14	"	D	Red soil 10; white sand 17; grey medium sand 21; fine white sand 29. Water at 29.
132 Bayham Twp.	K. Williams	J.H. Weaver & Son	Apr. 8, 1961	1	8		22	"	D	Topsoil 1; yellow sand 4; brown hardpan 12; white sand hardpan streaks 22; grey quicksand 35. Water at 22.
133 Bayham Twp.	C. Ball	G. Warren	Jun. 14, 1960	5	4	100	80	"	D, S	Open hole 22; outfall sand 10; grey clay 8; putty sand 100; sand 110. Water from 100 to 110.
134 Bayham Twp.	C. Milne	C. Warren	Jun. 2, 1962	5	5	200	90	Sulphur	D, S	Sand 36; blue clay 43; muddy sand 77; blue clay 104; muddy sand 239; grey shale 242; black slate 247. Water from 242 to 247.
135 Bayham Twp.	S. Gregson	J.H. Weaver & Son	Feb. 27, 1962	1	4		50	Fresh	D	Open well 50; brown quicksand 56; clay 58; gravel 59; clay 60; quicksand 61; streaks 70. Water at 50.
136 Bayham Twp.	"	Warren Water Wells	Jun. 25, 1963	5	1	58	32	"	D, In	Yellow clay 8; sand 35; clay 52; fine grey sand 58. Water from 52 to 58.
137 Bayham Twp.	J.J. Murphy	J.H. Weaver & Son	Feb. 1, 1960	1	8		23	"	D, S	Open well 25; coarse brown quicksand 40. Water at 23.
138 Bayham Twp.	A. Seghers	W.A. Belore	Jul. 14, 1960	1 1/2	6		16	"	D	Red sand 1; grey sand 30. Water at 16.
139 Bayham Twp.	L. Holman	W.A. Belore	Oct. 14, 1960	1 1/2	4		16	"	D	Grey sand 6; red sand 18; sand 31. Water at 18.
140 Bayham Twp.	C.E. Soper	J.H. Weaver & Son	Dec. 28, 1960	1	8		21	"	D	Topsoil 1; yellow sand 9; white sand 21; grey quicksand 33.
141 Bayham Twp.	L. Grant	C. Strome	Apr. 27, 1962	1	3		12	"	D	Gravel 5; yellow sand 14; white sand 16; medium white sand 20; coarse white sand 30. Water at 20.
142 Bayham Twp.	P. Davidson	J.H. Weaver & Son	Jul. 10, 1962	1	8		15	"	D	Topsoil 1; yellow sand 6; white sand 15; brown sand 29. Water at 15.
143 Bayham Twp.	A. Higgins	"	Oct. 6, 1962	1	8		18	"	D	Topsoil 1; yellow sand 9; clay sand streaks 18; brown sand 31. Water at 18.
144 Bayham Twp.	Aylmer & Malahide Tel. Co.	W.A. Belore	Oct. 18, 1962	1	6		19	"	P	Brown sand 6; grey sand 38. Water at 21.
145 Bayham Twp.	F. Albright	J.H. Weaver & Son	Jul. 21, 1960	1	8		12	"	D	Pit 3; topsoil 4; yellow sand 12; brown quicksand 24. Water at 12.
146 Bayham Twp.	P. Brook	W.A. Belore	Oct. 17, 1960	1	6		12	"	D	Red sand 8; grey sand 13; sand 33. Water at 13.
147 Bayham Twp.	F. Catton	Chatterson & Belore	Aug. 30, 1962	1	5	14	14	"	D, C	Topsoil 1; red sand 5; white sand 17; sand 35. Water at 17.
148 Bayham Twp.	F. Francis	W.A. Belore	Oct. 2, 1962	1	4		14	"	D	Dark sand 1; red sand 7; grey sand 16; coarse sand 31. Water at 14.
149 Bayham Twp.	C. Verbrughe	Warren Water Wells	May 14, 1963	5	1	52	25	"	D	Yellow sand 8; grey clay sand 28; fine sand 52. Water from 28 to 52.
150 Bayham Twp.	L. Grant	C. Strome	Oct. 29, 1962	1	2 1/2		19	"	D	Open well 20; white sand 35. Water at 35.
151 Bayham Twp.	E. Murray	W.A. Belore	Sep. 12, 1963	1	5	16	16	"	D	Open well 4; red sand 8; grey sand 18; sand 31. Water at 18.
152 Bayham Twp.	E.H. McQuay	W.A. Belore	Nov. 16, 1963	1	5	16	16	"	D	Dark sand 2; red sand 6; grey sand 18; sand 35. Water at 18.
153 Bayham Twp.	R. Alward	C. Norman	Nov. 28, 1961	1	3		14	"	D	Sand 23. Water at 14.
154 Bayham Twp.	M. Pokorny	W.A. Belore	Oct. 29, 1960	1	2		12	"	D	Yellow sand 10; clay 20; sand 41. Water from 20 to 41.
155 Bayham Twp.	M. Wood	J.H. Weaver & Son	May 3, 1962	1	8		16	"	D	Open pit 6; white sand 16; coarse gravel 23. Water at 16.

	D. Ratz	J.H. Weaver & Son	1	8	18	Fresh	D	
Belmont Vlg.	Borden's Milk Co.	International Water Supply Ltd.	4	4	22½	Fresh	T 5-60	Open well 18; grey quicksand clay streak 28. Water at 17. Topsoil 1; yellow sand 6; hard grey sand 17; grey quicksand clay streaks 29. Water at 17.
Belmont	"	"	4	4	23½	"	T 6-60	Topsoil 1; brown clay streaks silt 10; grey clay gravel streaks 12; hard clay gravel 13; grey clay gravel streaks 150; grey clay gravel 180. Water at 121. Topsoil 1; brown clay sand gravel streaks 10; grey clay streaks 12; gravel sand silt 106; gravel sand 123; grey clay gravel 126. Water at 123.
Dunwich Twp.	S. McWilliam	Dolphin & Earl	4	8	26	Fresh	D, S	Sand loam 4; yellow clay 14; blue clay 150; hardpan 156; gravel sand 160. Water from 156 to 160.
Con I	L.R. Campbell	"	5	5	60	"	D, S	Sand 4; yellow clay 10; blue clay 120; sand silt 124; hardpan gravel 235; hardpan 24; brown grey limestone 247. Water from 203 to 235.
Con V	Ont. Dept. of Highways	C. Warren	6½	15	125	"	P	Blue clay 274; gravel 286. Water at 276.
Con VII	S. McEugen	Hadco Well Digging	30	3	29	"	D, S	Topsoil 1; brown sand 5; grey sand 9; blue clay 30. Water at 8.
Con VII	W. Deitrich	L. Marcus	4	5	30	"	N	Hard grey clay 258; soft grey clay 278; fine sand 186. Water at 278.
Con VII	M. VanDerBosch	G. Galbraith	4	5	26	"	D, S	Grey blue clay 140; sand clay 145; red clay 174; grey sandy clay 196; sandy clay 205; grey clay 245; red clay 254; gravel hardpan gravel 267. Water at 267.
Con VII	W. Dale	"	3	5	48	"	D, S	Previously drilled 268; sand gravel 279. Water from 270 to 279.
Con VIII	F. Doan	J.H. Weaver & Son	1	5	5	"	C	Topsoil 1; brown sand 4; brown clay 5; brown sand 10. Water at 5.
Con IX	Peace Williams United Church Centre	C. Warren	7	10	56	"	P	Clay 200 sand gravel 229. Water at 203.
Con IX	J. Becker	Hadco Well Digging	30	2	28	"	D	Topsoil 1; brown sand 13; blue clay 30. Water at 11.
Con IX	F. Hentz	L. Marcus	4	4	131	"	D, S	Blue clay 125; dark blue clay 140; brown clay 150; brown sandy clay 185; sand gravel layers 187; sand gravel 224. Water at 187 and 224.
Con X	J. Hentz	Hadco Well Digging	30	2	22	"	S	Topsoil 6; brown sand 9; grey sand 21; blue sandy clay 22. Water at 7.
Malahide Twp.	L.M. Eggleston	Hadco Well Digging	27½	2	18	Fresh	D	Topsoil 3; sandy clay 14; sand 19; gravel 20. Water at 14.
Con I	E.C. Wolfe	W.L. McBeth	5½	5	160	"	D, S	Yellow clay 20; soft clay sand streaks 256; hardpan 260; sand gravel. Water at 260.
Con I	H. Sommers	W. Burwell	5	5	40	"	D	Clay 40; sand 53. Water at 40.
Con II	H. Booy	C. Warren	4	1½	46	"	D, S	Sand 12; sand clay 42; sand 46.
Con II	M. Demister	C. Warren	5	5	100	Sulphur	D, S	Yellow sand 30; grey clay 62; putty sand 80; clay 89; putty sand 100; grey clay 251; black shale 258. Water from 252 to 257.
Con II	W.R. Cathers	J.H. Weaver & Son	1	8	42	Fresh	D	Open well 40; white sand 55. Water at 42.

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LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Malahide Twp. - cont. Con III	H. Howe	H. Stewart	Dec.16,1960	6	4	160	130	Fresh	D,S	Clay 140; mitty sand 160; sandy clay 260; sand gravel 266. Water at 266.
Con III	P. Liddle	C. Warren	Aug.19,1962	4	4	48	24	"	D,S	Sand 39; blue clay 44; sand 51. Water from 44 to 51.
Con III	T. Gliniski	W. Burwell	Nov.30,1960	1	7 1/2	4	18	"	D	Open sand 15; coarse sand 27. Water at 15.
Con III	S. Nagy Jr.	J.H. Weaver & Son	Apr. 2,1962	8	8	4	18	"	D,S	Open well 20; brown quicksand 35. Water at 18.
Con IV	W. Schram	C. Norman	Sep.15,1963	3	1	32	32	"	N	Tossall 2; stony red clay 32; fine sand 90; blue clay 147. Water at 32.
Con IV	P. Pressey	"	Mar.18,1963	6	3	16	12	"	D	Tossall 3; sand 12; fine sand 28. Water at 12.
Con IV	Estate	J.H. Weaver & Son	Apr. 3,1962	1	8	8	30	"	D	Open well 10; brown quicksand 25. Water at 8.
Con IV	M. Walcarius	"	Nov.12,1960	1	8	8	30	"	C	Tossall 2; sand 120; blue clay 280; clay gravel 298; black shale 32; brown limestone 400. Dry hole.
Con V	A. C. Howe	E. Hoover & Sons	May 16,1960	5	2 1/2	81	40	Fresh	D	Tossall 20; fine sand 40; coarse sand 60; sand 85. Water at 85.
Con V	"	H. Stewart	Aug.18,1960	7	4	25	20	"	D	Sand 3; yellow clay 5; fine sand 68; blue clay 72; fine sand 90;
Con V	G.Greenwood	W.E. Locker	Jun.26,1961	5 1/2	2 1/2	81	40	"	S	blue clay 102; fine sand 122. Water from 102 to 122.
Con V	M. Laidlaw	C.H. Kent	Oct.15,1963	5	3	100	22	"	"	Yellow sand 10; blue clay 35; sand clay 50; yellow clay 105;
Con V	T. Reynaert	L. Hoover	Dec.14,1962	5	3	100	22	"	"	clay hardpan 117; sand gravel 121. Water from 117 to 121.
Con V	T. Bertleff	E. Hoover & Son	Sep.24,1961	5	3	65	60	Fresh	D,S	Brown red sand 80; blue clay 239; grey shale 247; brown limestone 254; grey shale 279; dark brown limestone 300. Dry hole.
Con V	M. Speiser	L. Hoover	May 31,1962	5	3	65	60	Fresh	D,S	Tossall 2; sand 50; blue clay 160. Dry hole.
Con VIII	J. Widner	E. Hoover & Son	Dec. 5,1961	5	5	100	80	"	D,S	Tossall 1; red clay 15; blue clay 92; sand gravel 83. Water at 82.
Con VIII	E. Hoover	"	Aug.13,1960	5	3	85	60	"	D	Tossall 1; red clay 4; blue clay 60; silty clay 115; fine sand 135; sand 147. Water at 147.
Con VIII	R.E. Hamilton & R. Smith	"	Jun.18,1962	5	5	120	50	"	D	Tossall 3; red clay 12; blue clay 170; gravel sand 120; gravel 125. Water at 125.
Con VIII	D. Scott	"	Oct.10,1963	5	4	85	45	"	P	Red clay 20; blue clay 50; sand clay 100; blue clay 162; sand 165.
Con VIII	G. Verswegen	"	Jun. 2,1960	5	3	79	74	"	D	Water from 160 to 165.
Con VIII	A.D. Maingon-	W.L. McBeth	Oct.21,1960	5 1/2	10	35	25	"	D	Blue clay 90; stones 95; sand clay 150; hardpan 159; sand gravel 160. Water at 159.
Con VIII	N. Gascho	G. Warren	Jan. 6,1961	5	5	100	36	"	D,S	Tossall 3; blue clay 90; fine sand 98; gravel 99. Water at 99.
Con VIII	S. Elcker	W.L. McBeth	Oct.19,1962	5 1/2	5	165	90	"	D,S	Red clay 10; blue clay 30; sand 60; hardpan 63; gravel 67. Water at 63.
Con IX	W. Bradt	L. Hoover	Jun.16,1962	5	4	62	60	"	D,S	Yellow clay 21; yellow sand 24; grey clay 30; mitty sand 36; clay gravel 182; soft clay 190; clay gravel 215; gravel 216.
Con IX	B. Brooks	E. Hoover & Son	Dec. 2,1960	5	3	20	12	"	D,S	Grey clay 35; sandy clay 230; hardpan 242; gravel. Water at 242.
Con IX	C. O.	G. Warren	May 17,1962	5	5	55	47	Sulphur	D,S	Tossall 2; red clay 15; blue clay 50; grey sand 80; fine grey sand 90; coarse grey sand 100. Water at 90.
Con IX	R. Service	"	Sep.14,1962	5	5	88	40	Fresh	D	Tossall 2; red clay 8; blue clay 40; fine sand 110; coarse gravel 120. Water at 120.
Con X	R. Brooks	C. Norman	Mar.12,1963	3	2	25	24	"	D	Yellow clay 20; grey clay stones 52; grey sand 55; grey clay 72;
Con X	K. Buchner	G. Warren	Nov.22,1962	5	10	25	17	"	D,S	dirty gravel clay 85; coarse sand 92. Water from 85 to 92.
Con X	S.J. Eichler	C.H. Kent	Jul.28,1963	5	2	80	40	"	S	Clay 10; sand 3; hard clay stones 45; grey clay 60; clay stones 85;
Con X	J. Miller	E. Hoover	May 24,1963	5	3	67	62	Sulphur	D,S	coarse sand 88. Water from 85 to 88.
										Tossall 5; blue clay 1; fine sand 16; blue clay 57; coarse gravel 59. Water at 57.
										Yellow clay 20; grey clay stones 28; dirty gravel 38; coarse gravel 44. Water from 38 to 46.
										Gravel, drilled 202; gravel silt 264. Water at 242.
										Red sand 30; blue clay 150; sand clay 150; clay boulders 245;
										brown limestone 253. Water at 250.

L.R. Oliver	Cole Water Wells	Mar. 21, 1963	5	6	200	50	Fresh	In	Yellow clay 18; grey clay stones 34; red sand 40; grey clay stones 142; dirty gravel 145; putty sand clay 148; grey clay stones layers putty sand 200; clay stone 255; black slate 277. Dry hole.
South Gore " 27	"	May 25, 1963	5						Yellow clay 16; grey clay stones 165; putty sand 175; grey clay stones 200; grey clay streaks putty sand 245; clay stones 254. Dry hole.
South Gore " 27	"	Jun. 27, 1963	5						Yellow clay 16; grey clay 165; grey clay stone 200; grey clay streaks putty sand 245; grey clay stone 251; gravel 252. Water from 251 to 252.
TRN " 78	H. Stewart	Jun. 24, 1960	5	2	30	30	"	D	Clay 40; clay gravel 60; gravel 57. Water at 57.
TRN " 78	A. Parker	Jul. 15, 1960	5	4	24	24	"	D	Clay 50; clay gravel 60; coarse sand 64. Water at 64.
TRN " 89	D.B. McCallum	May 28, 1960	5 1/2	5	60	25	"	D	Stony clay 60; sandy clay 126; silt. sand 125; gravel 129. Water at 125.
TRN " 100	W. Lang	Aug. 20, 1963	5	6	100	60	"	D, S	Open hole 5; yellow sand 12; sort grey clay 50; putty sand 65; grey clay stones 172; dirty sand streaks clay 178. Water from 172 to 178.
TRN " 101	M. Owen	Dec. 22, 1962	1	4		7	"	S	Topsail 1; yellow sand 7; brown sand 11. Water at 7.
TRN " 106	J.H. Weaver & Son G. Warren	Jan. 7, 1963	5	10	75	60	Sulphur	D, S	Yellow sand 3; yellow clay 20; white sand 23; grey clay stoner 17; red white sand 92; hard grey clay 140; red white sand 149; grey clay 210; putty sand 230; grey clay 251; s. clay rock 253. Water at 253.
TRN " 106	Cole Water Wells	Mar. 27, 1963	5	2	117	92	Fresh	D, S	Yellow clay 20; grey clay stones 32; putty sand 35; grey clay stones 80; sand 117. Water from 105 to 117.
TRS " 74	G. Abel	Aug. 31, 1960	5	3	30	30	"	D	Clay 40; clay gravel 60; blue clay 70; gravel 82. Water at 82.
TRS " 74	M. Brown	Aug. 31, 1961	4	4	40	34	"	D	Clay 30; gravel 38; clay gravel 44; gravel 70. Water from 65 to 70.
TRS " 74	E. Newkum	Sep. 5, 1961	4	4	44	34	"	D	Sand 14; grey blue clay 50; sand 62. Water from 50 to 60.
TRS " 74	M. Hewson	May 2, 1963	5	2 1/2	45	45	"	D	Topsail 2; red clay 25; blue clay 70; sand gravel stones horizon 93; gravel sand 95. Water at 93.
TRS " 74	G. Buck	Oct. 28, 1963	5	2	60	50	"	D	Dug well 18; clay 63; sand 75; gravel 79. Water from 75 to 79.
TRS " 77	N. Honsinger	Jun. 30, 1963	5	1	78	37	"	D	Brown clay 12; putty sand 14; blue clay 69; fine sand 70; blue clay horizon 84; coarse sand fine gravel 85. Water from 84 to 85.
TRS " 78	Akron Brass	Mar. 21, 1961	5	1	63	31	"	In	Yellow sand 5; sort grey clay 30; clay stone 59; dirty fine sand 64. Water from 59 to 64.
TRS " 78	R. Wellwood	Nov. 16, 1962	5	2	74	32	"	D	Previously drilled 47; hard sand gravel 74; dark grey sand 76. Water at 74.
TRS " 78	H. Stewart	Oct. 3, 1963	5	3	35	25	"	D	Topsail 3; clay 60; sand 71. Water at 71.
Port Burwell Vlg. Port Burwell	P.U.C. International Water Supply Ltd.	May 3, 1960	5					T	Topsail 1; brown clay 7; silt. sand 29; sandy grey clay 108; grey clay streaks sand 189; hard grey clay gravel sand 201; black shale 212.
Port Burwell	"	May 4, 1960	2	64	10	5 1/2	Fresh	1-60	Beach sand 3; silt 7; beach gravel 13; clay. Water at 7.
Port Burwell	"	May 10, 1960	2	15	4	4	"	T	Beach sand 15; coarse sand fine gravel 19; clay. Water at 15.
Port Burwell	"	May 11, 1960	2			1	"	T	Silty sand 6; sand fine gravel silt 8; fine sand 17; clay. Water at 6.
Port Burwell	"	May 13, 1960	2				"	T	Fine sand 19.
Port Burwell	"	May 17, 1960	6	42	10	1	"	T	Fine sand 6; fine gravel 14; clay. Water at 6.
Port Burwell	"	May 18, 1960	2			5	"	T	Fine sand 8; fine gravel 14; clay. Water at 8.
Port Burwell	"	May 20, 1960	2				"	T	Fine sand 19; clay.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Port Burwell Vlg - cont	P.U.C.	International Water Supply Ltd.	May 25, 1960	6				T 9-60	Beach sand 7. Dry hole.
Port Burwell	"	"	May 27, 1960	2				T 10-60	Fine sand large rocks 15. Dry hole.
Port Burwell	"	"	May 27, 1960	2				T 11-60	Fine sand; large rocks 7. Dry hole.
Port Burwell	"	"	May 27, 1960	2				T 12-60	Fine sand large rocks 9. Dry hole.
Port Burwell	"	"	May 27, 1960	2				T 13-60	Fine sand clay 20. Dry hole.
Port Burwell	"	"	May 31, 1960	2				T 14-60	Sand 6; gravel 13. Dry hole.
Port Burwell	"	"	Jun. 1, 1960	2				T 15-60	Clay 1; silty sand 11; clay. Dry hole.
Port Burwell	"	"	Jun. 1, 1960	1		2	Fresh	T 16-60	Sand 6; fine gravel 14; clay. Water at 6.
Port Burwell	"	"	Jun. 7, 1960	2	5	2	"	T 17-60	Sand 6; fine gravel 13; clay. Water at 6.
Port Burwell	"	"	Jun. 13, 1960	2		4	"	T 18-60	Sand 6; coarse gravel 13; clay. Water at 6.
Port Burwell	"	"	Jun. 14, 1960	1 1/2		3	"	T 19-60	Sand 6; coarse gravel 13; gravel. Water at 6.
Port Burwell	"	"	Jun. 14, 1960	1 1/2		3	"	T 20-60	Sand 6; coarse gravel 13; clay. Water at 6.
South Dorchester Con VII lot 8	W. McIntyre	K. McLeod & Sons	Jan. 26, 1960	5 1/2	6	58	Fresh	D, S	Blue clay 99; dirty sand 160; fine silty sand 183; gravel 195. Water at 183.
Con VII "	H. Morris	G. Warren	Nov. 3, 1962	5	10	3 1/2	"	D, S	Yellow clay stones 16; grey clay stones 53; dirty gravel 60; fine gravel sand 69. Water from 60 to 69.
Con VII "	A.H. French	E. Hoover & Sons	Aug. 15, 1963	4 1/2	3	18	"	D	Clay 20; sandstone 40; hardpan 70; sand gravel 95; blue clay stone 130; blue clay 150; dirty gravel sand 180; clay stones 205; brown limestone 210. Water from 208 to 210. Blue clay 100; silty sandy clay 170. Dry hole.
Con VII "	B. Bennett	Burwell & Evansitaki	Mar. 1, 1961	4					Clay 6; sand 40; sand clay 90; hardpan 95; fine gravel. Water at 95.
Con VII "	"	W.L. McBeth	Jul. 7, 1961	5 1/2	10	14	Fresh	D, S	Clay 20; grey sand 95; silt sand 120; clay stones 105; hardpan 190; clay streaks sand 223; gravel sand 228. Water at 223.
Con VII "	L. Helka	E. Hoover & Sons	Oct. 31, 1963	4 1/2	3	18	"	D, S	Well pit 5; blue clay 25; fine sand 28; blue clay 40; fine sand 100; clay stones 120; pasty sand 150; sand 155. Water at 155.
Con VII "	M. Pettit	"	Sep. 8, 1961	5	4	40	"	D, S	Brown clay 14; clay gravel 42; blue clay 7; sand blue clay 123; hardpan 218; white limestone 220. Water at 220.
Con VII "	W. Dale	W. Dale	Apr. 12, 1962	5	8	29	Sulphur D, S		Tonsol 2; red clay 20; blue clay 100; sand 140; gravel 145. Water at 145.
Con VII "	H. Row	E. Hoover & Sons	Mar. 1, 1961	5	3	45	Fresh	D, S	Tonsol 1; red clay 10; blue clay 53; fine sand 55. Water at 55.
Con VIII "	J. Charlton	"	Nov. 15, 1960	5	2	20	"	D, S	Brown clay 20; blue clay 40; sand 110; hard soapstone 130; hardpan 165; hardpan 171; gravel. Water at 171.
Con VIII "	R. VanDenBrink	W.L. McBeth	Jul. 4, 1960	5 1/2	5	50	"	D, S	

Con VIII	lot 17	A. McCallum	W.L. McBeth	Jun. 14, 1963	5½	5	40	30	Fresh	D, S	Brown clay 4; blue clay 40; sand 100; hard clay stones 111; gravel. Water at 111.
Con VIII	" 18	C. Woods	E. Hoover & Sons	Sep. 29, 1960	5	2	110	90	"	D, S	Topsoil 1; red clay 15; blue clay 85; fine sand gravel 170; blue clay 180; fine sand 231; coarse gravel 233. Water at 231.
Con VIII	" 21	D. Jenkins	K. McLeod & Sons	Sep. 1, 1960	5	5	65	60	"	D, S	Blue clay 80; sand 90; blue clay 185; coarse sand 190; gravel 192. Water at 190.
Con X	" 6	P. Sheppard	W.L. McBeth	May 25, 1961	5½	6	85	65	"	D, S	Brown clay 60; gravel boulders 90; stony grey clay 120; quicksand 135; gravel horizon 150; sandy clay 175; horizon 180; gravel 182. Water at 180.
Con X	" 13	J. Stevens	E. Hoover & Sons	May 27, 1960	5	4	95	70	"	D, C	Topsoil 2; red clay 10; blue clay 150; fine sand 160; coarse sand 163. Water at 150.
Con X	" 13	B. Putnam	"	May 30, 1961	5	4	60	50	"	D	Topsoil 2; red clay 30; blue clay 120; silt sand 150; sand 185. Water at 185.
Con XI	" 9	R. Bearss	C. Norman	Dec. 20, 1963	3	1	40	20	"	D, S	Dug well 20; blue clay 59; medium sand 60. Water at 59.
Con XI	" 12	A. Grondon	E. Hoover & Sons	Jul. 4, 1963	5½	3	133	63	"	D	Red clay 20; blue clay 173; gravel sand 174. Water from 173 to 174.
Con XI	" 14	R. Brooks	W. Dale	Mar. 15, 1963	5	75	90	53	"	D, S	Brown clay 22; gritty grey clay 135; sand 150; blue clay 160; sand gravel 168. Water at 168.
Con XI	" 15	K. McNeil	"	Jul. 24, 1963	5	10	42	28	"	D, S	Brown clay 18; soft clay 29; blue clay 92; cemented gravel 140; sandy clay gravel 221; gravel 225. Water at 225.
Con XI	" 16	K. Cartright	E. Hoover & Sons	Jun. 11, 1960	5	2	70	60	"	D, S	Topsoil 2; blue clay 130; fine sand 150; gravel 155. Water at 150.
Con XI	" 17	K. Hiebler	E.A. Mitchell	Dec. 20, 1963	5	5	55	35	"	D	Red clay 85; sand 120; gravel 125. Water at 124.
Con XI	" 22	A. VanRoestel	E. Hoover & Sons	Oct. 26, 1962	5½	3	85	80	"	D, S	Red clay 12; blue clay 60; gravel sand and clay 90; blue clay 151; gravel sand 152. Water from 151 to 152.
Con XI	" 24	D.M. Johnston	W. Dale	Apr. 16, 1963	5	17	80	53	"	D, S	Topsoil 4; brown clay 22; grey clay 64; grey clay gravel 129; gravel 136. Water at 136.
Con XII	" 2	G. Buchner	G. Warren	Jul. 7, 1960	5	10	35	15	"	D, S	Yellow clay boulders 23; gravel sand 52; nutty sand 71; sand 91. Water from 71 to 91.
Con XII	" 9	J. Stewart	"	Aug. 23, 1960	5	2½	135	90	"	D	Yellow clay 20; grey clay 40; clay stones 59; soft clay 89; clay stones 101; dirty gravel 106; grey clay 141; sand 156. Water from 150 to 156.
Con XII	" 12	J. Irish	E. Hoover & Sons	Jul. 11, 1962	5	3	60	42	"	D, S	Topsoil 10; clay 40; clay stone sand 90; blue clay 100; sand 120. Water from 100 to 120.
Con XII	" 16	I. Warren	"	Nov. 2, 1960	5	2	45	40	Sulphur	D, S	Topsoil 2; red clay 20; blue clay 170; fine sand 190; clay 230; fine sand 265; black shale 270. Water at 270.
Southwold Twp.	lot 1	S.S.# 9	R. Hudson	May 4, 1963	36	1½	24	12	Fresh	P	Brown clay 4; blue clay 21; sand 26. Water at 21.
	Con A	G. Blewett	Hadco Well Digging	Nov. 7, 1962	30	2	28	18	"	D, S	Topsoil 6; brown gravelly clay 9; blue clay 18; brown sand 30. Water at 18.
	Con B	" 1	W.D. Shore	Jan. 26, 1960	5						Topsoil 2; brown clay 23; sand clay 51; clay 95; clay gravel 170; clay 173; clay gravel 190. Dry hole.
	Con B	" 2	W.L. Brown	Nov. 30, 1963	5	5	96	42	Fresh	D	Yellow sand 5; blue clay 22; grey clay 27; sandy clay 44; blue gritty clay 112; horizon 120; clay gravel 128; sand 132; grey clay 133. Water from 130 to 132.
	Con D	" 1	M. Mommersteeg	Jun. 6, 1960	7	4	25	20	"	D	Grey clay 20; blue clay 80; clay gravel 118; gravel 138. Water at 138.
	Con D	" 2	A. Andrews	Oct. 12, 1960	5	3	110	40	"	D, S	Topsoil 2; red clay 10; blue clay 159; coarse sand 163. Water at 160.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. Southwold Twp. - cont.										
Con I lot 25	W. Latimer	Hadco Well Digging	Oct. 24, 1963	5	5	160	20	Fresh	S	Topsoil 1; brown clay 12; blue clay 40. Dry hole.
Con I " 25	"		Dec. 2, 1963							Topsoil 1; brown clay 18; blue clay 18; dirty gravel stones 195; blue clay 161; rock 270. Water at 185. Sulphur water cemented off at 262.
LEN Range I " 7	M. Ashton	C. Warren	Nov. 21, 1963	4	1	63	35	"	D	Clay 58; sand 63. Water from 58 to 63.
LEN " 3 " 5	A. McCandless	Hadco Well Digging	Jun. 13, 1963	30	2	62	49	"	S	Topsoil 1; brown sandy clay 11; grey sandy clay 49; blue coarse sand 53; grey gummy clay 84. Water at 49.
MRE " 1 " 2	S. Campbell		Nov. 12, 1963	30	2	28	22	"	D	Topsoil 1; brown sand 4; brown sandy clay 21; grey sand 30; clay. Water at 22.
MRW " II " 1	D. Porter	C.H. Kent	Oct. 9, 1963		3	100	72	Fresh	D	Dug well 10; putty sand 50; blue soft sticky clay 65. Dry hole.
BRE " I " 7	P.A. Loveday	C. Warren	Sep. 26, 1961	5						Sand gravel 4; clay 114; sand 116; blue clay 160; sand gravel 163. Water from 160 to 169.
BRE " II " 5	G. Shaw	H. Stewart	Sep. 20, 1963	6	1	110	36	"	D, S	Top sandy clay 10; blue clay 106; coarse sand 118. Water from 106 to 118.
TRE NS " 18	Knox Presbyter	J.H. Weaver & Son	Jul. 15, 1960	1	4		20	"	P	Topsoil 1; brown clay 15; blue sand 20; blue quicksand 30. Water at 20.
TRE NS " 18	P. Fordham	"	Aug. 31, 1960	1	8		20	"	C	Fill 4; brown clay 24; grey quicksand 32. Water from 24 to 32.
TRE NS " 19	E. Jackson	"	Sep. 3, 1960	1	3		20	"	D	Brown clay 20; brown putty sand 27. Water at 20.
TRE NS " 20	W. Burges	"	Jun. 29, 1960	1	4		20	"	D, S	Open well 20; brown quicksand 22; brown clay 26; brown quicksand 33. Water at 20.
TRE NS " 22	S. Lunn	"	Jul. 9, 1960	1	5		10	"	D, S	Topsoil 1; yellow clay 10; yellow quicksand 14; brown clay 14; yellow quicksand 16; blue clay 16; blue putty sand 19. Water at 10.
TRE NS " 23	C. Oliver	"	Mar. 17, 1962	1	4		15	"	D	Open well 18; blue clay putty sand streaks 31. Water at 15.
TRE NS " 26	T.J. Irvine	E. Stewart	Apr. 26, 1962	6 1/2	10	35	35	"	S	Sandy loam 23; blue clay 200; blue clay gravel mixture 291; hardpan hard blue clay 311; brown limestone 318. Water at 15. Sulphur water at 318.
TRE NS " 37	Lyle Bros.	Hadco Well Digging	Jul. 25, 1963	30	4	15	15	"	D	Topsoil 2; clay 40. Water at 15 and 40.
TRE NS " 45	Dr. P.J. Lenard	I. Lounsbury	Jun. 15, 1961	5	3 1/2	120	50	"	D	Brown sandy soil 5; blue clay 28; grey sand 32; blue clay 130; hardpan 139; gravel 140. Water from 139 to 140.
TRE NS " 45	S. Segal	G.G. Hussey & Son	Oct. 26, 1961	5	50	100	15	"	D	Brown clay 10; blue clay 100; gravel coarse sand 105. Water at 100.
TRE NS " 45	"	L. Hoover & Sons	Jul. 24, 1962	5	3	75	40	Sulphur	D	Topsoil 2; red clay 25; blue clay 139; sand gravel 140; blue clay 200; fine sand 230; sand 262; black shale 277; brown limestone 285. Water at 285.
TRE NS " 45	"	C. Warren	Sep. 6, 1962	5	4	90	54	Fresh	D	Sandy loam 18; blue clay 138; sand gravel 140. Water from 138 to 140.
TRE NS " 45	"	"	Sep. 24, 1962	5	1 1/2	108	12	"	D	Blue clay 104; sand gravel 108. Water from 104 to 108.
TRE SS " 18	J.G. Dewar	J.H. Weaver & Son	Sep. 17, 1960	1	8		14	"	D	Open well 20; blue quicksand 25; blue clay 27; blue quicksand 33; Water at 20.
TRE SS " 21	S.S. # 12	"	Sep. 5, 1960	1	6		14	"	P	Topsoil 1; yellow sand 4; brown clay 14; blue quicksand 30.
TRE SS " 21	"	E. Stewart	Aug. 16, 1962	6 1/2	10	270	45	"	P	Yellow loam sand mixture 20; blue clay 26; clay gravel 295; blue clay 285; sand 295; brown limestone 400. Water at 270.
TRE SS " 21	"	"	Aug. 17, 1962	6 1/2			12	"	P	Blue loam sand 8; sand gravel 13; blue clay 30. Water at 13.
TRE SS " 24	R.P. Fulton	J.H. Weaver & Son	Mar. 7, 1962	30	1	16	18	Fresh	P	Sand 8; quicksand 20. Water at 8.
TRE SS " 27	H. Lale	Hadco Well Digging	Dec. 21, 1963	30	2	18	10	"	D, S	Topsoil 1; brown clay 14; blue clay 18; streaks putty sand clay 12. Water at 18.
										Clay 6; brown sand 9; clay 10; brown sand 19; blue sand. Water at 19.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE ^a	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont. St.Thomas	A. Pol	C. Warren	Jun.25,1963	5	3	100	Fresh	D	Blue clay 120;clay gravel 160;gravel 163. Water at 160 and 163.
Vienna	K.C. Emerson	W.E. Locker	Mar.19,1962	1	3	8	"	D	Dirty blue clay 13;sand gravel 20. Water from 13 to 20.
Yarmouth Twp.	K. Barendregt	C.H. Kent	Aug 30,1963	5	5	21	Fresh	N	Yellow clay 14;blue clay 45;fine dirty sand 74;blue clay. Water at 45.
Con I	"	"	Sep. 5,1963	5	5	44	"	S	Brown loam 2;yellow sand 32;grey sand 46. Water from 32 to 46.
Con I	S. Ivan	Hadcoo Well Digging	Jan.22,1963	27½	2	29	"	In	Topsoil 1;brown sandy clay 5;hard brown clay 16;brown sand 30. Water at 20.
Con I	"	C.H. Kent	Sep. 9,1963	5	2	44	"	N	Dug well 30;dirty sand 60.
Con I	"	"	Sep.14,1963	3	2	44	"	D,S	Brown loam 2;yellow clay 18;yellow sand 30;sand 50. Water from 30 to 50.
Con I	Kishimoto Bros	Hadcoo Well Digging	Nov. 3,1962	30	5	33	"	D	Topsoil 1;brown sand 19;blue grey sand 33. Water at 19.
Con I	A.G. Jones	J.H. Weaver & Son	May 7,1963	1	8	16	"	D	Topsoil 1;yellow sand 5;brown hardpan 6;white sand 16;brown water sand 20;brown clay 20;blue sand 25. Water at 16.
Con I	C. Parker	Hadcoo Well Digging	Mar.26,1963	30	4	34	"	D	Topsoil 2;brown sand 11;blue sand 37. Water at 15.
Con I	W.H. Hodgkinson	"	Oct.22,1963	27½	2	29	"	D	Topsoil 1;brown sand 3;brown clay 12;brown sand 16;blue clay sand streaks 30. Water at 15.
Con II	E. Malik	R. Hudson	May 18,1963	27	10	20	"	D,S	Sand 28. Water at 14.
Con II	D. McKeller	Hadcoo Well Digging	Jun.15,1963	27	1	39	"	D	Topsoil 1;hard brown clay 7;gravel 16;sand 40. Water at 34.
Con II	E. Malik	J.H. Weaver & Son	Jun.18,1963	1	12½	16	"	D	Open well 20;brown sand 35. Water at 16.
Con III	St.Thomas Golf Club	I. Lounsbury	Apr.28,1960	8	180	80	"	Ir	Brown sand 20;grey sand 30;blue clay 107;hardpan 130;clay 170;hardpan 200;dirty sand gravel 209;gravel 210;fine sand 219;gravel 223. Water from 219 to 223.
Con III	G. Rollins	F.W. Reicheld	Aug. 4, 1960	4	5	40	"	D	Blue clay 40;quicksand 57;blue clay 97;sand stones 105;gravel 115. Water at 105.
Con III	R. Kosynski	G. Warren	Feb.21,1961	5	10	110	"	Ir	Yellow sand 38;sand silt 65;red clay 66;putty sand 91;grey clay 93;putty sand 150;grey clay 170;gravel 177. Water at 177.
Con III	S.J. Ollivier	C. Warren	Aug.15,1960	3	5	31	"	D	Sandy loam 20;clay 46;sand 52. Water at 46.
Con III	M. Scott	"	Nov.22,1961	5	2	100	"	D	Sand 6;clay 40;clay sand 80;clay gravel 147;sand gravel 150. Water at 147.
Con III	A. Kosynski	J.H. Weaver & Son	Jun. 3,1963	1	8	33	"	D	Open well 25;white sand 33;brown sand 46. Water at 33.
Con III	W. Flecheigh	"	Jun. 5,1963	1	8	23	"	D	Open well 25;brown quicksand 40. Water at 23.
Con III	C. VanZanten	F.W. Reicheld	May.16,1960	4	8	65	"	D	Sandy clay 27;quicksand 87;brown clay 100;quicksand 125;clay stones 137;blue sand 144. Water from 137 to 144.
Con III	P. Kosynski	J.H. Weaver & Son	May 15,1963	1	8	16	"	D	Topsoil 1;yellow sand 6;white sand 27. Water at 16.
Con III	J. Platchorra	"	May 30,1963	1	8	25	"	D	Topsoil 1;yellow sand 6;brown putty sand 8;brown clay 16;hard 25;brown sand 36. Water at 6 and 25.
Con III	R. Weir	C. Warren	Oct.27,1961	4	5	45	"	D	Sandy loam 18;blue clay 8;sand 66. Water at 61.
Con III	E. Bond	"	Aug.30,1963	4	9	25	"	D,S	Blue clay 39;sand 41;blue clay 50;sand gravel 54. Water from 50 to 54.
Con III	E. Conner	"	Mar.10,1961	4	5	55	"	D	Clay 25;sandy clay 28;clay 45;sand 66. Water from 45 to 66.
Con III	E.R. Smith	"	Oct. 6, 1961	4	4½	12	"	D	Grey silt sand 41. Water at 35.
Con III	W. Norton	"	Jun.11,1963	4	5	50	"	D	Clay loam 32;sand 65. Water from 60 to 65.

Con III	J. Marshall	C. Warren	Aug. 7, 1963	4	4	50	37	Fresh	D	Sand 12; blue clay 40; sand 55. Water at 40 and 55.
Con III	E. Crosby	Hadco Well	Sep. 4, 1963	4	4	50	38	"	D	Sand 11; blue clay 40; sand 55. Water from 50 to 54.
Con III	Sparta United Church	Digging	Nov. 11, 1963	30	2	47½	43	"	D	Topsoll 1; brown clay 1; blue clay 26; brown sand 40; grey sand 50. Water at 42.
Con III	T. Weber	C. Warren	Nov. 25, 1963	4	3½	52	43	"	"	Sand 8; clay 36; sand 52. Water from 40 to 52.
Con III	M. Degroote	"	Mar. 18, 1961	4	5	52	27	"	Ir	Loam clay 30; sandy clay 40; sand 50. Water from 46 to 50.
Con III	O. Schneider	"	Apr. 16, 1962	4	5	58	41	"	D, S	Sandy loam 8; sand 2; sandy clay 88; sand 103. Water at 90.
Con IV	G. Duffy	Hadco Well	Nov. 1, 1962	27½	4	31	18	"	D, S	Topsoll 1; brown sandy clay 19; gravel 23; black clay 26; blue sand 29; blue clay 5; gravel. Water at 19 and 26.
Con IV	D. Burrell	Digging	May 11, 1963	16	1	35	13	"	"	Topsoll 2; sand 13; blue clay 33; sandy clay 38. Water at 13.
Con IV	J. Chaplow	Hadco Well	Nov. 5, 1962	27½	3	24	18	"	D	Topsoll 1; sand 13; blue clay 33; sandy clay 38. Water at 13.
Con IV	J.E. Mortin	Digging	Jan. 29, 1963	30	2	35	25	"	D	Topsoll 1; brown clay 4; brown harban 9; grey clay 16; grey sand 17; blue clay 23; grey sand 35. Water at 25.
Con IV	W. Davies	C. Warren	Jun. 6, 1960	4	5	27	17	"	"	Loam clay 2; sand 35. Water at 31.
Con IV	F.W. Reicheld	"	Aug. 18, 1960	3	2	22	10	"	D	Beam clay 4; coarse gravel 60; blue clay 98; sand stones 107; gravel 123. Water at 107.
Con IV	R. Pogart	E. Hoover & Sons	Jul. 9, 1963	5	7	26	8	"	D	Dug well 6; brown clay 16; blue clay 70; grey clay 91; clay gravel 56; gravel 97. Water at 97.
Con IV	B. Lozon	"	Feb. 3, 1960	5	5	20	4	"	D	Topsoll 2; blue clay 86; gravel 89. Water at 88.
Con IV	H. Cummings	"	Aug. 19, 1961	5	10	30	4	"	D	Topsoll 2; blue clay 35; pasty sand 66; blue clay stones 94; gravel 95. Water at 95.
Con IV	I. Marriott	"	Nov. 23, 1961	5½	3	4	35	Fresh	N	Blue clay 94. Clay 70; fine gravel 93. Water from 90 to 93.
Con IV	C. Willson	"	Sep. 30, 1963	4	4	11	4	"	"	Gravelly clay 2; gravel 47. Water at 35.
Con IV	P. Olde	"	Oct. 11, 1961	5	7	35	27	"	D	Clay 2; sand 68; sand gravel 75. Water from 65 to 75.
Con IV	D.J. Hardwick	"	May 15, 1961	4	4	65	60	"	"	Open well 22; coarse gravel 32; fine brown quicksand 36. Water at 19.
Con IV	S.S.# 8	J.E. Weaver & Son	Jun. 16, 1961	1	8	19	19	"	P	Topsoll 1; brown clay 17; gravel 17½; brown sand 25. Water at 18.
Con IV	N. Smith	Hadco Well	Nov. 1, 1962	27½	4	24	18	"	D	Topsoll 1; brown clay 11; brown sand 23. Water at 18.
Con IV	"	Digging	Nov. 2, 1962	30	5	23	18	"	S	Clay gravel 56; sand 62. Water from 60 to 62.
Con IV	R. Zavits	C. Warren	Aug. 19, 1963	4	2	62	44	"	D	Sand 10; blue clay 38; sand 44. Water from 40 to 44.
Con IV	A. Sim	"	Aug. 3, 1963	4	4	35	15	"	D	Clay gravel 130; blue clay 170; sand gravel 189; blue clay 273; quicksand 310; dark soft rock 313; oil odored rock 340. Water at 110, 170, 273 and 340.
Con V	G.C. Shaw	Hadco Well	Oct. 31, 1962	30	4	106	94	"	D, S	Topsoll 1; brown clay 37; blue clay 79; gravel 83; blue clay 85; blue sand 90; blue clay 93; gravel 94; blue clay rocks 105; gravel 106. Water at 79, 85, 93 and 105.
Con V	C. Simmonds	E. Hoover & Son	Dec. 1, 1961	5	3	40	20	"	D	Topsoll 2; red clay 12; blue clay 45; fine pasty sand 55; silty clay 71; sand 74. Water at 74.
Con V	P. Worthington	Hadco Well	Jan. 22, 1963	30	4	31	21	"	D	Topsoll 1; brown clay 20; sand gravel 32. Water at 21.
Con V	M.P. Hepburn Estate	Digging	Jun. 30, 1960	4	9	15	15	"	D	Blue clay 26; stony blue clay 60; gravel 67. Water from 60 to 67.
Con V	W. Deyell	Hadco Well	Jan. 19, 1963	30	2	45	39	"	D	Topsoll 1; brown har' clay 21; gravel 45. Water at 39.
Con V	C. Delodder	Digging	Feb. 28, 1963	4	3	68	54	"	D, S	Grey clay gravel 65; sand 72. Water at 67.
Con V	G. Borremans	W.E. Locker	Mar. 26, 1960	5	6	87	82	"	D	Sand 4; clay 25; gravel 46; harban clay 53; gravel coarse sand 57; fine putty sand 151; harban 153; putty sand 160; coarse sand 168; gravel 168; harban. Water from 160 to 168.
Con VI	R. Topping	"	Mar. 17, 1962	4	5	24	19	"	D	Loam clay 18; sand 46. Water from 40 to 46.
Con VI	J.E. Satchell	C. Warren	Nov. 26, 1962	4	4	35	17	"	D	Loam clay 23; clay 28; sand 40. Water from 35 to 40.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- INC. TEST	PUMP- INC. LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ELGIN COUNTY - cont.										
Yarmouth Twp. - cont.										
Con VI lot 3	R. Rapelte	P.W. Reicheld	Jun. 20, 1960	4	3	40	12	Fresh	D	Clay 22; quicksand 39; clay 43; sand 55. Water at 43.
Con VI	G. Bodkin	C. Warren	Feb. 16, 1961	3	8	59	32	"	D	Clay 25; sand 42; clay 45; sand 59. Water at 59.
Con VI	B. Frittaion	"	May 20, 1961	3	8	24	16	"	D	Clay 22; sand 42. Water from 22 to 42.
Con VI	H. Anderson	"	Nov. 29, 1962	5	2	35	24	"	D	Blue clay 21; clay 37; sand 43. Water from 37 to 43.
Con VI	H.E. Edmonds	"	Dec. 23, 1963	5	4	159	110	"	D,S	Blue clay 154; gravel 159. Water from 154 to 159.
Con VI	J. Somerville	"	Jul. 15, 1963	4	2	82	56	"	D,S	Clay 28; clay gravel 53; gravel 65. Water from 65 to 65.
Con VI	C. Smalldon	"	Jul. 20, 1963	4	1 1/2	86	58	"	D,S	Clay 29; sandy clay 60; sand 66. Water from 64 to 66.
Con VI	P.D. White	H. Stewart	Sep. 29, 1960	6	5	70	50	"	D	Clay 60; clay sand 90; sand gravel 100; gravel sand 142. Water at 142.
Con VII	W.T. Cassidy	J.H. Weaver & Son	Feb. 24, 1960	1	13		4	"	D	Topsoil 1; brown clay 4; coarse gravel 9. Water at 4.
Con VII	H.E. Nicholson	C. Warren	Mar. 28, 1962	5	4	66	51	"	D,S	Tellow clay 12; blue clay 45; clay gravel 40; blue clay 112; sand clay 118; clay 135; fine gravel 148. Water at 135.
Con VII	D. McGregor	H. Warren	Jul. 31, 1963	5	4	87	64	"	D,S	Clay 53; muddy sand 80; sand 97. Water from 90 to 97.
Con VII	N. Haight	C. Warren	Oct. 17, 1963	5	3	150	80	"	D,S	Blue clay 128; muddy sand 142; blue clay 245; gravel 249. Water from 245 to 249.
Con X	O.H. Underhill	L. Hoover	Mar. 29, 1962	5 1/2				"		Topsoil 2; red clay 45; putty sand 85; blue clay 268; limestone. Dry hole.
Con X	"	R. Hudson	Oct. 20, 1962	3 1/2	2	25	15	Fresh	D	Brown clay 14; blue clay 22; sand 26; blue clay 27. Water at 22.
Con X	S. Munroe	W.L. McBeth	June 3, 1963	5 1/2	5	120	85	"	D,S	Blue clay 60; fine sand 180; blue clay 200; pasty sand 285; hard clay 291; fine gravel 292; rock. Water at 291.
Con X	R. Inch	R. Smith	Aug. 22, 1961	5	12	70	55	"	C	Brown clay 30; blue clay 172; sand 175. Water from 172 to 175.
Con X	J. White	W. Dale	Jul. 4, 1963	5	15	107	53	"	D,S	Brown clay 17; grey clay 43; blue clay 80; sand gravel 101; yellow clay 157; cemented gravel 168; clay gravel 196; gravel 197. Water at 197.
Con XI	W.D. Shore	"	Jan. 3, 1960					"		Subsoil 3; red clay 15; blue clay 30; sandy clay 50; blue clay 133; sand 141. Dry hole.
Con XI	I.D. Fisher	C. Warren	Jul. 3, 1961	5	4	100	63	Fresh	D,C	Clay 22; sand 29; clay 160; gravel 163; clay 190; sand fine gravel 205. Water at 200.
Con XI	L. Taylor	W.L. McBeth	Jul. 21, 1960	5 1/2	4	69	57	"	D,S	Top clay 6; stony grey clay 70; sand gravel 72. Water from 70 to 72.
Con XI	A. Crawford	W. Dale	Jun. 6, 1961	5	8	118	103	"	D,S	Brown clay 9; blue clay 47; clay gravel 113; blue clay 136; sandy clay 147; sandy clay gravel 193; sandy clay 194; sand 201. Water from 197 to 201.
Con XI	G. Loughlean	"	May 28, 1962	5	7	140	100	"	D	Brown clay 24; grey clay 96; clay gravel 135; blue clay 198; gravel clay 206; cemented gravel 216; gravel 219. Water from 216 to 219.
Con XII	H. Richie	R. Hudson	Jun. 9, 1962	3 1/2	1	20	19	"	D	Brown clay 5; blue clay 20; quicksand 23. Water at 19.
Con XII	D. Winch	"	Mar. 16, 1963	3 1/2	4 1/2	29	15	"	D	Brown clay 10; blue clay 24; sand 30. Water at 24.
Con XII	M. Watson	J.H. Weaver & Son	Dec. 14, 1963	3	4	28	28	"	D,S	Open well 26; coarse sand 38. Water at 28.
Con XII	D. McKellar	W. Dale	Jun. 21, 1962	5	10	54	49	"	D,S	Topsoil 9; sand 42; muddy sand 63; sand 79. Water from 63 to 79.
Con XII	A. Coulter	"	Mar. 9, 1962	4	9	28	27	"	D,S	Dug well 30; clay gravel 41; silty sand 44; fine sand 60. Water from 44 to 60.
Con XII	S.S.# 24	"	Mar. 15, 1963	5	9	40	25	"	P	Brown clay 15; grey clay 30; muddy sand 34; blue clay 36; sand 55. Water at 55.
Con XIII	H. Dykster	"	Mar. 29, 1962	5	9	30	26	"	D,S	Old well 41; clay sand 70; sand 94. Water at 90.
Con XIII	G. Jenkin	"	Jan. 10, 1963	5	7	83	28	"	D,S	Brown clay 32; clay gravel 131; grey clay 140; soft clay 138; muddy sand 162; gravel 163; clay sand 177; gravel 180. Water at 180.
Con XIII	P. Mortensen	"	Dec. 16, 1960	5	10	133	85	"	D,S	Brown clay 27; blue clay 91; sandy clay 129; clay gravel 161; sand 167. Water from 161 to 167.
Con XIV	F. Frohl	"	Sep. 9, 1963	4	6	73	23	"	D,S	Brown clay 5; grey clay gravel 134; fine sand 140. Water at 140.
Con XV	Borden's Milk	International	Mar. 29, 1960	2			13 1/2	"	T, C	Topsoil 1; fine silty sand 34; fine sand 58; clay gravel 108; clay sand gravel 138; gravel 150. Water at 128.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
ESSEX COUNTY Amherstburg Town	Calvert's Distillers	International Water Supply	Jun. 30, 1960	10	53	79½	33	Sulphur	In	Topsoil 18; grey clay stones 48; light grey limestone 62; broken rock 63; hard light grey limestone 65; light grey limestone 132; light brown limestone 225; sharp sandstone 275; grey limestone 283. Water from 65 to 132.
Anderson Twp.	lot 13 J. Dinunzio	Lucier Well Drilling	May 18, 1963	3	8	45	35	Fresh	D	Topsoil 2; red clay 18; blue clay 39; clay sand 55; soft grey rock 72. Water at 72.
Con I	" 16 A. Beaudoin		Jan. 15, 1960	3	7	25	18	"	D	Topsoil 3; red clay 20; blue clay 40; clay sand 53; sand gravel 59. Water at 59.
Con II	" 1 L. Deneau	S.A. Hutchins Drilling	Jun. 8, 1962	4	5	50	30	Sulphur	D.S	Old well 55; limestone 65. Water at 65.
Con II	" 5 V. Tagliavia	Lucier Well Drilling	Aug. 6, 1961	3	4	35	28	Fresh	D	Topsoil 2; red clay 20; blue clay 55; soft grey rock 57. Water at 57.
Con II	" 6 M. Gajewski	S.A. Hutchins	Jul. 19, 1963	3	4	30	26	"	D.S	Yellow clay 18; blue clay 45; hardpan 46. Water at 46.
Con II	" 10 A. Cote	"	Nov. 6, 1962	3	3	25	15	Sulphur	D.S	Clay 18; blue clay 52; limestone 60. Water at 56.
Con II	" 11 S.H. Knabo	"	Oct. 23, 1962	3	4	25	10	"	D.S	Clay 20; blue clay 52; gravel 55; limestone 63. Water at 63.
Con II	" 12 L. Bastien	Lucier Well Drilling	Jun. 21, 1962	3	4	45	15	Fresh	D	Topsoil 2; red clay 12; blue clay 58; gravel 59. Water at 59.
Con III	" 4 A. Borrowman	D. Sundin	Jun. 14, 1963	4	5	20	18	"	D	Clay topsoil 1; yellow clay 10; hard blue clay 20; soft blue clay 55; sand gravel 57; grey limestone. Water at 57.
Con III	" 10 C. Adam	Lucier Well Drilling	Sep. 15, 1961	4	5	27	16	"	D.S	Overburden 61; rock 67. Water at 67.
Con III	" 10 M. Shust	M. Hernandez & Son	Nov. 1, 1961	8	250	73	18	Sulphur	In	Clay 63; rock 65; clay 73; brown limestone 88. Water from 63 to 65 and from 73 to 88.
Con III	" 12 L. Beaudoin	Lucier Well Drilling	Jul. 28, 1963	3	5	20	12	Fresh	D	Topsoil 2; red clay 20; blue clay 40; clay gravel 62; gravel 63. Water at 63.
Con IV	" 1 Mailloux Turkey Farm	"	Apr. 5, 1961	4	5	60	18	"	D.S	Topsoil 2; red clay 20; blue clay 40; clay sand 58; hardpan 67; soft grey rock 129. Water at 70 and 129.
Con IV	" 5 J. Oake	S.A. Hutchins	May 30, 1962	3	4	50	30	"	D.S	Old well blue clay 60; sandstone 70. Water at 70.
Con IV	" 10 A. Bazaire	Lucier Well Drilling	Mar. 21, 1963	4	5	25	20	Sulphur	D.S	Topsoil 2; red clay 20; clay sand 66; gravel rock 67. Water at 67.
Con IV	" 11 I. Jones	"	Apr. 2, 1962	4	3	30	8	Fresh	D	Topsoil 2; red clay 25; blue clay 58; sand gravel 68; soft grey rock 78. Water at 78.
Con IV	" 11 I. Bezaire	"	Apr. 18, 1962	4	8	18	10	"	D	Topsoil 2; red clay 20; blue clay 65; gravel clay 70; gravel rock 72. Water at 72.
Con IV	" 12 C. Deslippe	"	May 20, 1960	4	15	40	10	Sulphur	D.S	Topsoil 2; red clay 15; blue clay 65; clay sand 67; soft grey rock 106. Water at 100.
Con V	" 3 O. Pettypiece	D. Sundin	Jul. 15, 1960	3	15	25	18	"	D.S	Blue clay 60; sand gravel 61. Water at 61.
Con V	" 6 O. Thrasher	M. Hernandez	May 10, 1960	3	4	24	16	"	D.S	Black loam 3; dark clay 65; white limestone 74. Water at 74.
Con V	" 9 L. Dupuis	Lucier Well Drilling	May 18, 1962	4	3	40	8	Fresh	D	Topsoil 2; red clay 20; blue clay 60; gravel sand 65. Water at 65.
Con V	" 10 E. Ihle	D. Sundin	May 16, 1961	4				"	D	Yellow clay 10; blue clay 60; clay sand 64; grey limestone 115. Dry hole.
Con V	" 10 "	"	May 18, 1961	4	4	40	8	Fresh	D	Yellow clay 10; blue clay 59; gravel sand 62. Water at 62.
Con V	" 10 H. Little	Lucier Well Drilling	Jul. 8, 1961	4	5	25	12	"	D	Topsoil 2; red clay 20; blue clay 60; clay sand 64; soft grey rock 72. Water at 71.
Con VI	" 1 S.S. No 11	"	Jul. 18, 1961	4	3	32	20	"	P	Topsoil 2; red clay 20; blue clay 56; clay sand 63; soft grey rock 64. Water at 64.
Con VI	" 2 J. Ward	S.A. Hutchins	Jul. 11, 1963	3	2	80	25	Sulphur	N	Clay 20; blue clay 51; sand 65; limestone 110. Water at 110.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South Twp. Con II	S. Morency	M. Hernandez & Sons	Oct. 18, 1960	3	4	38	28	Fresh	D	Clay loam 3; grey clay 88; quicksand 93; white limestone 117. Water at 117.
" 2	A. Arner	D. Sundin	Jan. 21, 1961	4	5	60	42	"	D	Clay 7; sand 12; clay 98; clay sand stones 105; grey limestone 112. Water at 112.
Con II	M. Taylor	"	Nov. 2, 1962	3	5	45	40	"	D	Black topsoil 1; yellow clay 7; blue clay 48; grey sand 98; blue clay 116; sand clay 118; grey limestone 123. Water at 123.
Con II	V. Bondy	"	Jun. 25, 1963	4	5	45	42	"	D	Black topsoil 1; yellow clay 10; blue clay 35; hardpan 45; blue clay 116; grey limestone 121. Water at 121.
Con II	School Area	M. Hernandez & Sons	Jun. 17, 1960	4	6	21	12	"	P	Black loam 2; clay 40; hardpan 96; gravel 102. Water at 102.
Con II	J. Faust	D. Sundin	Nov. 15, 1963	3	2	25	5	"	D	Black topsoil 1; yellow sand 7; blue clay 25; fine grey sand 80; gravelly sand 105; grey limestone 116. Water at 116.
Con II	Twp. Colchester South	"	Aug. 29, 1961	3	10	25	14	"	P	Blue clay 65; fine grey sand 104; rock sand 113; grey limestone 122. Water at 122.
Con II	J. D. Simoes	M. Hernandez	Aug. 10, 1963	4	10	30	15	"	D	Yellow clay loam 3; grey clay 4; gravel 10; quicksand 52; coarse black gravel 65; sandy quicksand 111; coarse black gravel 116. Water from 111 to 116.
Con II	C. Ovaig	D. Sundin	Aug. 21, 1963	4	5	19	10	"	D	Sandy soil 2; yellow sand 7; grey sand 20; blue clay 55; fine grey sand 110; hardpan 115; grey shale 120; grey limestone 126. Water at 126.
Con II	M. Searle	M. Hernandez & Sons	Jul. 20, 1960	3	6	16	Flows	"	D	Black soil 2; black clay 60; quicksand 86; gravel 93. Water at 93.
Con II	F. Sabitz	D. Sundin	Aug. 10, 1961	4	20	20	4	"	D	Sandy soil 3; blue clay 15; blue clay stones 32; soft clay sand 45; fine sand 65; clay 85; sand 88; gravel 92. Water at 92.
Con II	R. J. Lavender	M. Abbott	Oct. 1, 1960	2	3	22	15	"	D	Yellow clay 30; quicksand 50; blue clay 80; quicksand 94; grey rock 88. Water at 88.
Con II	K. Gartner	M. Hernandez & Sons	Sep. 20, 1962	4	2 1/2	79	21	Sulphur	N	Old well 22; clay 36; fine sand 37; hardpan 79; fine sand 83. Water at 83.
Con II	"	"	Dec. 7, 1962	4	4	60	16	Fresh	D, S	Loam 1; boulders 29; sand 30; clay 59; sand 69 1/2. Water at 69 1/2.
Con II	V. Cerven	Johnston Bros.	Jun. 15, 1962	4	5	40	10	Sulphur	D	Yellow clay 12; blue clay 30; sand gravel 33; soft blue clay 63; sand gravel 83; shale limestone 84. Water from 83 to 84.
Con III	E. M. Hernandez	"	Mar. 18, 1963	5	5	15	2	Fresh	D, S	Topsoil 1; clay 85; sand 90; medium coarse sand 92; brown limestone 120. Water from 90 to 92 and at 118.
Con III	P. Mulder	D. Sundin	Mar. 13, 1962	4	5	30	15	"	D	Old well 4; yellow sand 8; fine grey sand 104; clay 116; grey limestone 137. Water at 137.
Con III	P. Sheprak	D. Sundin	Jul. 13, 1963	5	6	22	14	"	D	Clay loam 2; hard grey clay 132; quicksand 70; hardpan 77; black gravel 79. Water at 79.
Con III	T. Ford	M. Hernandez	Jul. 22, 1960	4	15	15	11	Sulphur	D, S	Clay 48; sand 70; clay sand 85; shale 86. Water at 86.
Con III	B. McGill	D. Sundin	Nov. 20, 1963	4	5	30	19	Fresh	D	Yellow clay 8; blue clay 20; fine grey sand 60; blue clay 72; blue clay fine grey sand stones 78; gravel sand 81. Water at 81.
Con III	E. Burnett	"	Dec. 12, 1963	4	4	25	16	"	D	Grey clay 8; blue clay 12; clay fine sand 22; fine grey sand 52; blue clay 70; shale sand gravel 72. Water at 72.
Con III	C. C. McLean	"	Mar. 7, 1963	4	5	15	Flows	"	D	Old well 20; fine sand 65; fine sand gravel 91; gravel 92. Water at 20 and 92.
Con IV	G. Lovric	G. Sundin	Jul. 21, 1961	3	1 1/2	80	"	"	D, S	Clay 70; fine sand 78; shale 83; fine sand 89; grey limestone 128. Water at 118 and 128.
Con IV	S. Hedges	"	Dec. 18, 1962	4	1 1/2	88	8	"	D	Clay 25; sand 26; clay 38; sand 78; rock 89. Water at 89.
Con V	H. Verduysee	D. Sundin	Oct. 1, 1962	7	10	25	10	Sulphur	D	Yellow clay 10; blue clay 60; gravel. Water at 60.
Con VI	B. Gronin	Lucier Well Drilling	Mar. 20, 1962	4	6	25	20	Fresh	D, S	Topsoil 1; clay 25; blue clay 60; sand 68; clay sand 80; sand gravel 85. Water at 85.

cont. P.C.	lot	M. Hotz	M. Hernandez & Sons	Apr. 26, 1960	4	6	26	10	Fresh	D, S	
PC	37										Black loam 2; grey clay 55; quicksand 73; gravel 79. Water from 73 to 79.
PC	39	S. Renfrew	"	Aug. 22, 1961	7	5	5	3	Sulphur	D	Tossall 1; clay 43; sand 50; brown limestone 59. Water at 52.
PC	39	A. Summerfield	E. Hernandez	Aug. 2, 1963	7	10	10	8	"	D	Tossall 1; sand 6; sandy clay 24; quicksand 52; shale 53; dark brown limestone 69. Water from 28 to 61.
PC	42	K. Gardner	D. Sundin	Mar. 25, 1961	6	10	50	6	"	D	Clay 30; fine sand 65; clay sand 89; grey limestone 160. Water from 105 to 160.
PC	42	J. Hric	"	May 28, 1963	4	15	20	7	Fresh	D	Old well 10; blue clay 35; grey sand 45; clay sand 85; grey limestone 94. Water at 94.
PC	43	J. Pacey	L. Sundin	May 5, 1960	2	7 1/2	20	7	"	D	Clay 23; stone 30; clay 62; grey rock 55. Water at 65.
PC	43	H. Schollard & H. Astin	D. Sundin	Jul. 12, 1960	4	5	20	8	Sulphur	D	Blue clay 55; clay sand 59; grey limestone 61. Water at 61.
PC	43	A. LaRose	E. Hernandez	Jun. 17, 1961	7	4	70	7	"	D	Tossall 1; sand 4; blue clay 64; limestone 72; brown limestone 92. Water at 70 and 91.
PC	43	P. & J. Balvert	D. Sundin	Apr. 29, 1963	3	15	20	8	"	D	Black soil 2; yellow clay 5; blue clay 55; sand clay 6; grey limestone 68. Water at 68.
PC	44	D. Woodbridge	"	Oct. 23, 1962	3	20	25	9	"	D	Sandy soil 1; blue clay 26; hardpan 42; blue clay 65; grey limestone 68. Water at 68.
PC	45	D. Casanova	"	Jul. 29, 1960	3	10	30	22	"	D	Clay 1; fine sand 38; clay 68; fine sand 28; shale 29. Water at 79.
PC	46	M. Affleck	"	Jul. 6, 1962	4	15	25	17	"	D	Sandy soil 2; yellow sand 6; blue clay 84; grey limestone 97. Water at 97.
PC	48	W. Walkerdene	"	Jun. 16, 1960	3	4	8	Flows	Fresh	D	Sandy soil 1; yellow sand 6; fine grey sand 70; blue clay 56; gravel sand 57. Water at 57.
PC	48	J. Peter Jr.	W. Hernandez	Feb. 13, 1963	4	10	6	3	"	Ir	Layers sand clay 0 to 92; fine sand 97; rock brown limestone 101 1/2. Water at 105.
PC	49	Lakeside Packing Co.	D. Sundin	Jun. 27, 1963	4	10	20	6	"	In	Sandy soil 4; blue clay 20; fine grey sand 60; blue clay 77; fine grey sand 80; hardpan 82; gravel shale 83. Water at 83.
PC	49	J. Peter Jr.	W. Hernandez	Dec. 7, 1963	4	20	19	2 1/2	"	D	Sand 5; clay 38; clay 47; fine sand 48; gravel 50; clay 60; fine sand 65; hardpan 72; fine sand 78 1/2; sand 87 1/2. Water at 50, 65, 78 1/2 and 87 1/2.
PC	50	Lakeside Packing Co.	D. Sundin	May 9, 1960	6	10	20	Flows	"	In	Black soil 1; clay 15; fine grey sand 65; hardpan 75; sand 83; brown limestone 91. Water at 15 and 91.
PC	50	"	"	Apr. 21, 1961	6	15	20	"	Sulphur	In	Old well 91; grey limestone 161. Water from 100 to 151.
PC	51	H. Wright	"	Jun. 4, 1963	10	10	100	43	Fresh	N	Sandy soil 2; yellow sand 6; grey sand 25; quicksand 35; blue clay 55; quicksand 70; clay sand 115; clay sand stones 159; hard rock 134; grey limestone 175. Water from 130 to 134.
PC	51	E. Corcoran	M. Hernandez	Jun. 5, 1963	5	8	60	35	"	D	Light sand 2; light hard soil gravel 5; grey sand 23; grey clay 40; quicksand 121; coarse grey black gravel 127. Water from 121 to 127.
PC	54	K. Butler	D. Sundin	Apr. 11, 1961	3	30	25	17	"	D	Sand 11; clay 25; fine grey sand 65; clay sand 116; grey limestone 124. Water at 124.
PC	56	M. Tingen	M. Hernandez	Jun. 1, 1962	7	10	26	22	"	D, S	Yellow sand 6; grey sand 17; grey clay 40; quicksand 124; gravel 128; white limestone 130. Water at 128.
PC	58	M. Shields	M. Hernandez & Sons	Jul. 7, 1961	3	3	35 1/2	30	"	D	Tossall 1; sand 40; clay 70; hardpan 74; sand 76; clay 119; hardpan 124; sand 126; limestone 135 1/2. Water at 126 and 135 1/2.
PC	59	J. Fabok	D. Sundin	Jul. 27, 1962	3				"		Clay 20; clay fine sand 40; fine grey sand 115; hardpan 120; fine grey sand 129; grey limestone 125. Dry hole.
PC	65	V. Smith	"	Jun. 16, 1961	3	1 1/2	135	27	Fresh	D	Sandy soil 4; blue clay 40; sand 45; clay sand 86; hardpan 91; grey limestone 109; dolomite 121; grey limestone 135. Water from 121 to 135.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
ESSEX COUNTY - cont. Colchester South Twp., lot 65	G. Loscher	M. Hernandez	May 14, 1963	5	6	80	27	Fresh	D, In	Yellow sand 3; grey sand 12; quicksand 35; grey clay 45; quicksand 101; shelly rock cemented gravel 124. Water from 105 to 124.
" 67	P. Kile	D. Sundin	Aug. 21, 1961	7	12	50	27	"	D	Old well 13; fine grey sand 65; clay sand hardpan 68; blue clay 101; grey limestone 109. Water at 109.
" 68	R. Holt	"	May 23, 1962	3	3	35	21	"	D	Sand 20; clay 30; fine grey sand 84; clay sand 102; shale 103. Water at 103.
" 68	R. Capers	"	May 28, 1962	3	4	30	19	"	D	Sandy soil 2; yellow sand 8; grey sand 20; blue clay 30; fine grey sand 103; grey limestone 110. Water at 110.
" 69	D.R. Merrill	M. Hernandez & Sons	Nov. 6, 1961	4	3	66	21	"	D	Topsoil 1; sand 60; grey clay 85; fine sand 94; white limestone 136. Water from 125 to 136.
" 69	O. Taylor	M. Hernandez	Oct. 1, 1962	5	9	50	18	"	In	Dark sand 2; gravelly soil 8; quicksand 18; soft grey clay 170; hardpan 123; grey limestone 252. Water at 252.
" 70	M. Yoshnov	M. Hernandez & Sons	May 21, 1960	3	3 1/2	42	26	"	D	Yellow sand 3; gravelly soil 10; grey clay 45; quicksand 96; white limestone 105. Water at 104.
" 70	B. Chapman	"	Aug. 27, 1962	3	3	25	25	"	D	Loam 1; sand 20; clay 36; gravel 40; clay 90; sand 93; limestone 104. Water at 40 and 104.
" 70	P. Johnson	M. Hernandez	Apr. 22, 1963	8	20	75	20	"	In	Dark soil 3; dark clay 125; gravel sand 137; grey limestone 152. Water from 140 to 152.
" 71	R. Little	Lucier Well Drilling	Jul. 5, 1960	3	7	40	35	"	D	Topsoil 2; red clay 18; blue clay 72; clay sand 88; grey limestone 93. Water at 90.
" 72	B. Vervenne	L. Sundin	Jul. 25, 1960	2	3	35	25	"	D	Clay 12; sand 80; stone 85; sand 87; grey rock 98. Water at 98.
" 72	B. Wright	M. Hernandez & Sons	Dec. 2, 1961	3	3	31	19	"	D	Yellow sand 2; grey gravel clay 10; quicksand 85; grey gravel 100; white limestone 105. Water at 100.
" 72	E. Wright	M. Hernandez	Jun. 1, 1962	7	12	80	20	"	Ir	Sandy loam 1; sand 25; clay 60; hardpan 99; fine sand 102; limestone 109; fine sand 112; limestone 160. Water from 158 to 160.
" 72	George's Confectionery	Lucier Well Drilling	Aug. 10, 1963	4	5	65	40	"	D	Topsoil 2; red clay 25; quicksand 88; hard grey rock 96. Water at 95.
" 73	A. Keith	M. Hernandez & Sons	Nov. 12, 1960	7	10	30	20	"	D	Topsoil 1; yellow sand 16; quicksand 70; blue clay 85; hardpan 95; gravel limestone 111; dolomite 130. Water from 158 to 129.
" 73	S. Petterson	Lucier Well Drilling	Apr. 10, 1962	4	8	24	20	"	D	Topsoil 2; red sand 25; blue sand 96; soft grey rock 105. Water at 105.
" 74	C. Martin	D. Sundin	Jun. 4, 1962	3	5	25	13	"	D	Old well 12; hardpan 15; grey sand 40; clay 60; fine grey sand 80; hardpan sand 87; grey limestone 92. Water at 92.
" 76	A. Rocky	M. Hernandez & Sons	Sep. 22, 1961	3	3	18	16	"	D	Loam 1; clay 25; boulders 28; clay 70; fine sand 80; grey limestone 106. Water from 100 to 106.
" 76	C. Langford	"	Jun. 13, 1962	3	4 1/2	14	14	"	D	Loam 1; clay 30; sand 35; clay 70; gravel 72; hardpan 89; sand 90; sandstone 92. Water at 72 and 92 1/2.
" 76	O. Mueller	E.M. Hernandez	Aug. 20, 1963	4		20	20	"	N	Topsoil 1; clay 22; sand 75; hardpan 84; hard blue grey limestone 92. Water at 85.
" 76	"	"	Sep. 2, 1963	7	10	40	20	"	D	Topsoil 1; clay 22; sand 70; hard clay pebbles 80; medium sand 82; hard blue grey limestone 90; grey limestone 131. Water at 129.
" 80	Place Gas & Oil	D. Sundin	May 19, 1960	3	5	20	13	"	D	Black topsoil 1; yellow clay 7; fine grey sand 22; gravel 30; fine grey sand 65; sand clay stones 79; grey limestone 83. Water at 83.
" 81	B. Richards	M. Hernandez & Sons	Mar. 21, 1962	3	3	92	15	"	N	Topsoil 1; clay 20; gravel 40; hardpan 43; gravel 50; hardpan 65; fine sand 72; brown limestone 92; shale 95; white limestone 132. Water from 148 to 152.
" 81	W. Grohs	Lucier Well Drilling	Jun. 3, 1963	3				"		Topsoil 2; red clay 20; blue clay 50; fine sand 80; grey hard limestone 102. Dry hole.

Colchester South	Typ.	Cont.	D. Sundin	Feb. 23, 1961	3 ¹	10	35	32	Fresh	
FC	lot 82	C. Hyland	"	Jun. 9, 1961	3	3	25	4	D	Old well 6; clay sand 113; grey shale 116. Water at 116.
FC	" 82	Dr. R. R. Schmidt	"	"	"	"	"	"	D	Sandy soil 4; yellow clay 12; fine grey sand 13; soft blue clay 40; gravelly sand 44; clay hardpan 46; gravelly sand 60; gravelly sand 69; clay shale 70; grey limestone 81. Water from 71 to 81.
FC	" 86	G. Szoice	S.A. Hutchins	Oct. 22, 1963	3	4	25	8	D	Gray 18; blue clay 55; sand 62; grey limestone 63. Water at 82.
FC	" 86	R. Hraback	Lucier Well	Oct. 21, 1963	4	2	85	4	D	Tossoll 2; red clay 2; blue clay 40; clay gravel 50; hardpan 61; soft grey rock 90. Water at 70.
FC	" 87	J. Pigeon	D. Sundin	Sep. 19, 1960	3	2	15	17	D	Clay 60; fine sand 67; grey limestone 69. Water at 69.
FC	" 87	W. Cowell	Lucier Well	Nov. 2, 1960	3	1	28	3	D	Tossoll 3; red clay 19; blue clay 60; sand 63; grey rock 65. Water at 74.
FC	" 88	M. McNaughton	Drilling	Jun. 1, 1961	3	9	12	4	D	Tossoll 2; red clay 25; blue clay 55; hardpan 69; soft grey rock 91. Water at 91.
FC	" 88	D. M. Hardy	"	Oct. 2, 1961	3	15	10	3	D	Tossoll 2; red clay 25; blue clay 50; clay sand 64; soft grey rock 75. Water at 75.
FC	" 88	E. Rudall	D. Sundin	Aug. 9, 1962	3	30	20	10	D	Yellow clay 10; blue clay 6; grey limestone 69. Water at 69.
FC	" 88	W. Cowell	G. Sundin	Oct. 17, 1962	3	3	20	3	D	Clay 58; sand 61; grey limestone 66. Water at 66.
FC	" 88	E.J. Macuire	D. Sundin	Jul. 11, 1963	4	8	14	7	D	Blue clay 55; sand 63; male 64. Water at 64.
FC	" 90	A.R. Belbridge	Lucier Well	Jul. 5, 1963	3	5	20	10	D	Tossoll 2; red clay 2; blue clay 40; clay sand 60; sand 63; soft grey rock 66. Water at 65.
FC	" 91	T. Gillies	Drilling	Mar. 17, 1963	3	10	15	8	D	Tossoll 2; red clay 20; blue clay 40; sand 57; soft grey rock 65. Water at 65.
FC	" 92	P. Coughlin	"	Jun. 17, 1960	3	12	20	12	D	Tossoll 2; red clay 18; blue clay 60; sand clay 74. Water at 74.
FC	" 92	G. Davis	S.A. Hutchins	Jun. 19, 1962	3	3	25	7	D	Yellow clay 15; blue clay 48; sand 82; hardpan 65; sand 72; sandstone 77. Water at 77.
FC	" 92	J. Boucher	"	Jul. 18, 1963	3	2	65	10	D	Yellow clay 18; blue clay 57; sand 74; limestone 77. Water at 77.
FC	" 93	J. Court	Lucier Well	May 20, 1960	3	4	18	10	D	Tossoll 2; red clay 2; blue clay 63; gravel 67. Water at 67.
FC	" 93	G. Middleton	Drilling	Jul. 19, 1960	3	10	18	3	D	Tossoll 2; red clay 20; blue clay 40; clay sand 65; sand gravel 67. Water at 67.
FC	" 93	W. Branzette	L. Sundin	Sep. 19, 1960	2	7 ¹	5	5	D	Clay 32; sandstone 35; clay 65; sand 69; grey limestone 78. Water at 77.
FC	" 93	E. Gofenko	"	Sep. 28, 1960	2	3	15	5	D	Clay 64; fine sand 66; grey limestone 94. Water at 76.
FC	" 93	D.J. Adams	"	Sep. 3, 1962	3	7 ¹	15	5	D	Clay 64; sand 65; rock. Water at 65.
FC	" 93	P. & C. Elton	D. Sundin	Jun. 11, 1963	3	4	25	3	D	Yellow clay 10; blue clay 45; sand clay 55; grey limestone 57. Water at 57.
FC	" 93	E. Byrne	E.M. Hernandez	Aug. 9, 1963	7	10	15	8	D	Tossoll 1; clay 60; clay gravel 64; grey limestone 79. Water at 74.
FC	" 94	R. Ferguson	M. Hernandez & Sons	Jun. 2, 1960	3	5	23	12	D	Black sand 2; grey clay 25; sandstone 55; hardpan 76; sand 81; sandstone 90; grey limestone 107. Water at 107.
FC	" 94	D. White	S.A. Hutchins	Aug. 29, 1963	3	4	25	10	D	Clay 24; blue clay 40; sand 44; blue clay 55; sand 60; sandstone 66. Water at 66.
FC	" 96	V. Badalutza	D. Sundin	Jun. 26, 1960	3	2 ¹	35	4	D	Blue clay 53; grey sand 58; blue clay sand 76; grey limestone 90. Water at 90.
FC	" 97	T. Budynski	Lucier Well	Jul. 23, 1960	3	10	15	7	D	Tossoll 2; red clay 20; blue clay 45; sand 68; gravel 70. Water at 69.
FC	" 97	L.E. Graham	Drilling	Jun. 1, 1962	3	5	19	3	D	Tossoll 2; red clay 20; blue clay 50; sand 60; gravel rock 65. Water at 65.
FC	" 97	E. Sloan	"	May 2, 1963	3	5	25	4	D	Tossoll 2; red clay 20; blue clay 50; clay sand 68; soft grey rock 71. Water at 71.
FC	" 97	A. Olivestri	"	Jul. 23, 1963	3	5	20	15	D	Tossoll 2; red clay 20; blue clay 55; sand 69; soft rock 80. Water at 79.
FC	" 9	J. Bukar	D. Sundin	Dec. 4, 1963	4	1	120	8	D	Sandy soil 5; fine grey sand 111; clay sand 113; grey limestone 163. Water from 113 to 163.
FC	" 13	W. Snowell	"	Aug. 10, 1960	3	5	30	11	D	Clay 18; fine sand 120; grey limestone 128. Water at 128.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Colchester South Twp- lot 13 PC Gore	cont. J. Bogdon	D. Sundin	Jul. 22, 1963	4	10	30	5	Fresh	T	Sandy soil 5; sand clay 20; fine grey sand 110; shale sand 112; grey limestone 150. Water at 128.
PC Gore	W. Staddon	M. Hernandez	Feb. 21, 1962	8			15		N	Yellow sand 2; grey sand 15; hardpan 17; black gravel 19; quicksand 110; gravel limestone 123; grey limestone 151; sand 154.
PC Gore	"	"	Mar. 9, 1962	8	175	115	14	Fresh	Ir	Yellow sand 2; loam grey gravel 5; grey sand 25; quicksand 117; grey limestone 136; white limestone 225. Water at 136 and 225.
PC Gore	J. Murray	E. Hernandez	Jul. 15, 1961	8	30	100	18	"	N	Topsoil 1; sand 40; blue clay 100; sandy clay 121; brown limestone 150. Water from 128 to 130.
PC Gore	"	"	Sep. 27, 1961	8	165	150	15	"	N	Topsoil 1; sand 30; sand clay 110; medium coarse gravel 128; brown limestone 190. Water at 135, 150 and 180.
PC Gore	K. Dennis	M. Hernandez & Sons	May 26, 1961	7	5	20	7	Sulphur	D	Topsoil 1; sand 4; clay 20; quicksand 103; sand gravel 115; hardpan 116; limestone 129. Water at 127.
PC Gore	H. Lepp	M. Hernandez	Jul. 17, 1962	7						Dark sand 2; sand stones 5; blue clay 23; quicksand 118; gravel 131. Dry hole.
PC Gore	"	"	Nov. 6, 1962	8	65	100	18	Sulphur	Ir	Light sand 2; sandy grey soil 6; quicksand 10; grey clay 60; quicksand 118; hardpan 124; gravel 126; grey limestone 130. Water at 130.
Essex Town	A. Buhler	J. H. Smith	Oct. 31, 1963	3	10	35	33	Fresh	D	Brown clay 12; blue clay 72; sand 87; blue clay 107; sand 117; grey rock 119. Water at 119.
Geosfield North Twp- lot 2 Con VI	R. A. Parouhar- son	D. Sundin	Jun. 19, 1962	3 1/2	12	35	20	Sulphur	D	Clay soil 2; yellow clay 10; blue clay 80; hardpan 88; grey clay pebbles 95; grey clay large stones 108; gravel sand 116; grey limestone 120. Water at 120.
Con VI	J. Gillett	"	Feb. 16, 1962	3	4	25	15	Fresh	D	Clay 50; gravelly sand 53; clay sand 63; gravelly sand clay 117; gravel 118. Water at 118.
Con VI	W. Kellington	"	Sep. 17, 1963	3	2	80	12	"	D	Black topsoil 3; yellow clay 10; blue clay 65; fine sand gravel 103; white limestone 13; grey limestone 153. Water at 153.
Con VI	C. Stevenson	"	Nov. 29, 1961	3	2 1/2	30	3	Sulphur	S	Clay 57; sand 63; clay sand 180; gravelly sand 103; grey limestone 104. Water at 104.
Con VII	R. Barnett	"	Nov. 3, 1961	4	7	30	20	"	D	Clay 80; hardpan 88; clay sand 116; grey limestone 121. Water at 121.
Con VII	E. Ross	"	Apr. 20, 1962	3 1/2	3	60	15	Fresh	D	Clay 65; sand 85; clay 137; sand shale 143; grey limestone 145. Water at 145.
Con VII	A. Gerandt	M. J. Williams	Sep. 20, 1963	4	25	105	0	Fresh	D, S	Blue clay 95; fine sand clay 120; brown limestone 133. Dry hole
Con VII	G. Vandewaetre	"	Oct. 29, 1963	4	5	60	28	"	D, S	Blue clay 95; fine sand 105; coarse sand 110. Water at 105.
Con VIII	"	Johnston Bros.	Mar. 29, 1962	3	3	40	25	"	D	Yellow clay 10; blue clay 90; sand 123; grey rock 134; Water at 134.
Con X	F. Noble	W. Hernandez	Oct. 13, 1963	3	3	40	25	"	D	Clay 45; blue clay 98; hardpan 110; fine sand 115; hardpan 119; brown limestone 125. Water from 122 to 125.
Con X	L. Cosgrove	C. Smith	Aug. 8, 1960	4	5	10	10	"	D	Yellow clay 14; blue clay 44; sand gravel blue clay 90; blue clay 97; sand 100; gravel 102; Water at 100.
THN	A. Haggins	D. Sundin	Sep. 10, 1962	3	6	35	23	"	D	Yellow clay 10; blue clay 98; hardpan 118; shale sand 123; grey limestone 125. Water at 125.

Gosfield South Twp. - cont.									
Con II	Lot H	G. Rogers	D. Sundin	Mar. 31, 1961	3	10	25	16	Sulphur
Con II	"	M. Zelenak	"	Nov. 25, 1960	4	10	25	16	Fresh
Con II	"	J. Knight	S. Gilbert	Jan. 31, 1961	3	4	20	10	"
Con II	"	"	"	Jan. 11, 1961	3	1 1/2	70	7	Sulphur
Con III	"	C. McLean	G. Sundin	Dec. 1, 1962	4	4	65	27	"
Con III	"	B. Mulcaister	D. Sundin	Apr. 30, 1962	3 1/2	3	30	18	Fresh
Con III	"	M. Tuma	E.M. Hernandez	Dec. 31, 1963	7	5	12 1/2	50	Sulphur
Con IV	"	J. Loebach	Lucier Well Drilling	May 12, 1962	3	5	25	15	Fresh
Con IV	"	W.E. Grant	D. Sundin	Oct. 13, 1960	3	15	25	11	"
Con IV	"	M. Benko	"	May 10, 1962	4	8	60	10	Sulphur
Con IV	"	DerKack Bros.	M. Hernandez & Sons	Nov. 21, 1962	8	50	16	14	Fresh
Con V	"	P. Welker	D. Sundin	Jan. 25, 1962	3	2	35	16	Sulphur
Con V	"	A. Fisher	M.J. Williams	May 5, 1960	3				
Con V	"	T. Schaafsma	M. Hernandez	Sep. 9, 1963	1	2 1/2	80	10	Sulphur
FC ED	"	C. Hamm	D. Sundin	Feb. 9, 1961	4	15	20	7	"
FC ED	"	P. Mastrorand	M. Hernandez & Sons	Sep. 15, 1962	8				
FC ED	"	"	"	Sep. 25, 1962	8				
FC ED	"	"	"	Sep. 29, 1962	8	9	45	Flows	Fresh
FC WD	"	L. Barg	M. Hernandez	Dec. 6, 1960	4	6	22	16	"
FC WD	"	E.A. Barton	G. Sundin	May 30, 1963	6	20	25	17	"
FC WD	"	H. Mollet	"	May 16, 1962	4	15	22	19	"
FC WD	"	E. Matschulat	"	Apr. 28, 1962	5	1	8	8	"
FC WD	"	W.W. Sanford	M. Hernandez & Sons	Mar. 15, 1960	3	10	55	11	"
FC WD	"	P. Element	"	Mar. 20, 1960	3	10	71	10	"
FC WD	"	J.L. Veitch	"	Jul. 13, 1960	2	12	15	10	"
FC WD	"	M.J. Lemmon	"	Jun. 10, 1961	2	20	40	12	"
FC WD	"	"	M. Hernandez & Sons	Jan. 6, 1962	3	3			Sulphur
FC WD	"	P. Golden	D. Sundin	Apr. 5, 1962	5	5	22	17	Fresh
PC WD	"	W. Warren	"	Dec. 20, 1963	3	15	30	19	"
PC WD	"	R. Valade	M. Hernandez & Sons	Aug. 25, 1960	3	4	18	3	"
PC WD	"	R. Cascaiden	D. Sundin	Dec. 13, 1960	4	10	19	12	"
PC WD	"	E. Bernat	"	May 25, 1960	3	60	10	2	"
PC WD	"	H.S. Smith	"	Sep. 27, 1960	3	12	25	4	"
PC WD	"	P. Bering	"	Nov. 23, 1960	6	10	25	16	"

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Gosfield South Twp., cont. lot 9 " 9 " 11 " 15 " 16 " 16 " 16 " 16 " 16 " 16 " 16 " 16 " 16 " 16 " 16 " 16	A. Hotz	D. Sundin	Feb. 20, 1962	4	3	25	18	Fresh	D	Old well 22; clay 35; sand gravel 37. Water at 37.
	L. Uich	"	Dec. 14, 1963	3	25	25	12	"	D	Gravel fill 1; black tan soil 2; yellow sand 8; fine grey sand 73; shale sand 75. Water at 75.
	Kingsville Golf Club	G. Sundin	Apr. 21, 1960	6	10	50	11	"	D	Clay 7; quicksand 74; limestone 100. Water at 100.
	M. Tingen	M. Hernandez & Sons	Aug. 11, 1961	7	6	23	16	Sulphur	D	Clay loam 2; grey clay 65; sand gravel 73. Water at 73.
	T. Cox	D. Sundin	Jul. 8, 1960	3	5	15	2	"	D	Clay 20; sand clay 40; sand 53; gravel sand 55. Water at 55.
	G. McDonald	M. Hernandez & Sons	Aug. 18, 1960	3	2	48	3	Fresh	D	Black loam 2; red clay 50; fine quicksand 55; white limestone 60. Water at 60.
	Lewis Dairy Ltd.	E. Hernandez	Jun. 4, 1962	7	20	30	21	Sulphur	In	Topsoil 1; sand 2; quicksand 70; clay 71; sand 73; brown limestone 83. Water at 80.
	W.E. Davies	D. Sundin	Jun. 8, 1962	3	5	25	3	Fresh	D	Old well 15; blue clay 40; clay sand stones 45; clay sand 50; grey limestone 60. Water at 60.
	P. Agla	"	Aug. 13, 1962	3	7	20	5	"	D	Yellow clay 10; blue clay 40; gravelly sand clay 46; grey limestone 55. Water at 55.
	G. Taylor	"	Oct. 18, 1962	4	10	15	3	"	D	Pit 3; blue clay 45; shale gravel 46. Water at 46.
	D. McKenzie	"	Mar. 27, 1963	3	20	20	8	"	D	Yellow clay 10; blue clay 60; sand clay 68; sand gravel 74; gravel 75. Water at 75.
	W.J. Rogers	"	Oct. 2, 1963	3	3	25	6	Fresh	D	Clay tan soil 2; yellow clay 10; blue clay 30; fine sand 44; gravelly sand 47; hardpan fine sand 51; grey limestone 53. Water at 53.
	H. Newran	"	Oct. 25, 1961	4	5	30	1	"	D	Clay sand fill 3; sand 5; clay 37; sand gravel 45. Water at 45.
	G. Norriss	M. Hernandez & Sons	May 7, 1961	7	1	22	8	Sulphur	D	Fill 3; sand 10; clay 4; fine to medium sand 49 1/2. Water from 46 to 49 1/2.
	G. Napp	D. Sundin	Jan. 14, 1960	3	5	25	4	"	D	Brick well 20; clay 30; sand 45; grey limestone 48. Water at 48.
	E. Ankiewicz	G. Sundin	Jul. 15, 1961	3	30	20	15	Gas	D	Old well 20; sand 61; coarse sand 62. Water at 62.
Kingsville Town	C. Clark	D. Sundin	Sep. 21, 1963	3	20	15	10	Fresh	D	Old well 18; fine sand 20; clay sand 60; shale 62. Water at 62.
	J. Meleg	M. Hernandez & Sons	May 10, 1961	7	3	45	4	Sulphur	D	Topsoil 1; yellow clay 4; blue clay 61; brown limestone 70. Water at 70.
	E. Geuvrenu	D. Sundin	Jul. 29, 1961	3	2 1/2	70	10	Fresh	D	Topsoil 1; clay 2; yellow clay 10; blue clay 65; fine grey sand 70; clay gravel hardpan 80; clay fine grey sand 85; grey limestone 92; brown limestone 100; grey limestone 110. Water from 97 to 110.
	L. Malott	M. Hernandez & Sons	Nov. 23, 1960	4	3	18	3	"	D	Black soil 3; grey clay 8; clay 35; hardpan 45; sand clay 56; gravel 71. Water from 56 to 71.
	J. Marko	D. Sundin	Feb. 19, 1963	3	3	25	17	"	D	Old well 14; blue clay 25; fine grey sand 75; clay sand 81; grey limestone 92. Water at 92.
	F. Gross	"	Jun. 19, 1963	3	5	25	18	"	D	Topsoil 1; yellow clay 10; blue clay 22; grey sand 27; blue clay 50; grey sand 94; grey limestone 95. Water at 95.
	F. Japerson	M. Hernandez & Sons	Aug. 27, 1960	7	10	35	26	Sulphur	D	Topsoil 1; yellow clay 9; blue clay 65; sandy clay 72; dolomite 85. Water at 82.
	L. Debevo	S. Gilbert	Sep. 20, 1960	3	4	20	5	Fresh	N	Topsoil 1; blue clay 107; fine quicksand 110; hardpan 122. Water at 107.
	"	"	Jun. 6, 1961	4	9	10	5	Sulphur	D, S	Topsoil 1; grey clay 102; coarse gravel 108; medium sand 120; gravel clay 122; fine sand 126; grey limestone 127. Fresh water at 105, sulphur water at 127.
	J. Zack	J.H. Smith	Jun. 30, 1961	3	5	19	8	"	D, S	Brown clay 13; blue clay 42; sand 62; sandy blue clay 82; sand 85; grey sand 94; grey limestone 95. Water at 95.
Maidstone Twp. BWX Con IV	L. Debevo	S. Gilbert	Sep. 20, 1960	3	4	20	5	Fresh	N	Topsoil 1; blue clay 107; fine quicksand 110; hardpan 122. Water at 107.
	"	"	Jun. 6, 1961	4	9	10	5	Sulphur	D, S	Topsoil 1; grey clay 102; coarse gravel 108; medium sand 120; gravel clay 122; fine sand 126; grey limestone 127. Fresh water at 105, sulphur water at 127.
	J. Zack	J.H. Smith	Jun. 30, 1961	3	5	19	8	"	D, S	Brown clay 13; blue clay 42; sand 62; sandy blue clay 82; sand 85; grey sand 94; grey limestone 95. Water at 95.

BMW Con V	"	18	K. Frinck	Johnston Bros.	Oct. 15, 1960	4	7	50	38	Fresh	D, S	Yellow clay 10; sand 13; blue clay 97; sand 100; brown limestone 103. Water at 103.
BMW Con VI	"	26	S. Quinlan	S. Gilbert	Oct. 26, 1960	3	3	22	18	Sulphur	D	Dark sandy topsoil 1; blue clay 106; medium sand 121; limestone 133. Fresh water at 110; sulphur water at 133.
BMW Con IX	"	11	G. Mackenzie	Johnston Bros.	Jun. 25, 1962	4	6	45	35	Fresh	D, S	Yellow clay 10; blue clay 120; sand gravel 13; shale 122; fine sand 12; brown limestone 126. Water at 126.
BMW Con IX	"	12	St. Marks School Board	Lucier Well Drilling	Jul. 30, 1960	4	12	22	18	Sulphur	P	Topsoil 2; red clay 20; blue clay 85; grey sand 110; red sand 120; grey rock 131. Water at 130.
BMW Con IX	"	12	"	"	May 12, 1960	4	15	25	16	"	D, S	Topsoil 2; red clay 20; blue clay 90; sand 98; clay sand 119; sand 121; sand gravel 124; coarse gravel 126. Water at 125.
BMW Con X	"	29	H. Seifker	"	May 13, 1960	4	8	60	20	Fresh	D, S	Topsoil 2; red clay 20; blue clay 80. Dry hole.
MRW	"	1	O. Izsek	"	Aug. 13, 1961	4	5	50	35	"	D	Topsoil 2; red clay 20; blue clay 70; clay sand 80; clay 120; clay gravel and 128; soft grey rock 132. Water at 132.
MEN	"	6	School Area	Johnston Bros.	Feb. 13, 1961	4	6	55	35	Sulphur	P	Topsoil 3; red clay 20; blue clay 60; sand bed 65; blue clay 87; sand 90; gravel 95. Water at 93.
MEN	"	15	G. Pueth	M.J. Williams	Aug. 23, 1963	3	16 1/2	105	8	"	D, S	Yellow clay 10; blue clay 96; sand 111; brown limestone 116.
MRS	"	8	M. Gryce	S. Gilbert	Jul. 7, 1962	3	10	25	24	"	D	Blue clay 5; brown limestone 105. Water at 105.
MRS	"	9	I. Ramsey	Johnston Bros.	Aug. 10, 1962	4	4 1/2	50	35	"	D, S	Limestone 117. Water at 117.
TEN	"	284	C. Vlasic	"	Nov. 3, 1961	4	6	40	38	"	D	Yellow clay 15; blue clay 110; sand 113; rock brown limestone 160. Water at 160.
Malden Twp.												Yellow clay 12; blue clay 120; sand gravel 124; brown limestone 127 1/2. Water at 127 1/2.
CG			E. Kral	M. Hernandez & Sons	Jun. 18, 1960	4	6	10	Flows	Fresh	D	Sand 3; red clay 40; gravel 45. Water at 45.
CG			C. Epstein	S.A. Hutchins	Jul. 23, 1960	3	5	2	1	"	D	Yellow clay 20; blue clay 27; nodule sand 41; limestone 46. Water at 46.
CG			B. Mickle	"	Aug. 26, 1960	3	5	10	1	"	S	Yellow clay 15; blue clay 44; hardpan 46; gravel 47. Water at 47.
CG			V. Coletta	D. Sundin	May 20, 1961	3	5	15	3	"	D	Sandy soil 3; yellow clay 15; hardpan 18; blue clay 26; gravel sand 41. Water at 41.
CG			G. Drake	S.A. Hutchins	Jun. 16, 1961	3	4	40	10	Sulphur	D	Yellow clay 15; blue clay 20; hardpan 25; nodule sand 44; sandstone 45; limestone 40. Water from 65 to 80.
CG			E. Desjardin	"	Jul. 5, 1961	3	5	10	1	Fresh	D	Clay 20; blue clay 35; nodule sand 40; sand 45; sandstone 50. Water at 50.
CG			W. Mehan	"	Jul. 19, 1961	3	4	5	2	"	D	Clay 20; blue clay 20; nodule sand 44; sandstone 49. Water at 49.
CG			H. Turrell	"	Jul. 20, 1961	3	3	20	10	"	D	Clay 39; hardpan 40; nodule sand 41; sandstone 44. Water at 44.
CG			"	"	Jul. 31, 1961	3	3	40	2	"	D	Clay 20; blue clay 40; sand 47; sandstone 60; limestone 80. Water at 70.
CG			V.L. Ruff	"	Aug. 2, 1961	3	4	20	6	"	D	Clay 20; blue clay 40; sand 44; shale 45. Water at 45.
CG			A. Gibb	"	Nov. 6, 1961	3	5	6	5	"	D	Clay 20; blue clay 40; hardpan 42; sand 44; gravel 45. Water at 45.
CG			B. Dickson	"	Dec. 9, 1961	3	4	40	7	Sulphur	D	Clay 15; blue clay 35; fine sand 41; hard limestone 57. Water at 57.
CG			Lucier Well Drilling	"	Jun. 12, 1962	3	5	35	3	Fresh	D	Topsoil 2; red clay 20; blue clay 27; quicksand 44; soft white rock 68. Water at 68.
CG			G. Fairlie	"	Jun. 19, 1962	3	12	12	2	"	D	Topsoil 2; red clay 20; blue clay 32; clay sand 47; soft grey rock 54. Water at 54.
CG			J. Herber	"	Jun. 29, 1962	3	15	10	2	"	D	Topsoil 2; red clay 15; sand clay 27; sand 47; soft grey rock 57. Water at 57.
CG			Swibaker	"	Aug. 26, 1962	3	15	10	1	"	D	Topsoil 2; red clay 25; blue clay 30; sand 44; soft grey rock 50. Water at 50.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY Malden Twp. - cont.										
CG	P.W. Schwimmer	S.A. Hutchins	Sep. 8, 1962	3	2	30	2	Fresh	S	Clay 18; blue clay 39; sand 43; limestone 48. Water at 57.
CG	G. Topic	Lucier Well Drilling	Sep. 22, 1962	3	10	20	5		D	Topsoil 2; red clay 10; sand 43; limestone 48. Water at 57.
CG	H. McGregor	"	Sep. 25, 1962	3	10	15	4	"	D	Water at 45.
CG	P.E. Gibbons	E.M. Hernandez	Jul. 5, 1963	4	6	15	4	"	D	Topsoil 2; red clay 20; sand 40; sand 50; soft grey rock 60.
CG	R. Oarpham	Lucier Well Drilling	Jul. 20, 1963	4	10	8	2	"	D	Sand 3; clay 44; sand clay stones 46; limestone 48; brown limestone 49. Water from 48 to 49.
CG	A. Newson	S.A. Hutchins	Aug. 17, 1963	3	4	25	6	"	D	Topsoil 2; red clay 20; blue clay 35; quicksand 49; soft grey rock 52. Water at 51.
CG	M.L. Quinlan	Lucier Well Drilling	Oct. 7, 1963	3	10	10	3	"	D	Sand 6; blue clay 25; sand 30; blue clay 50; sand 58; limestone 62. Water at 62.
CG	Dr.-J. Want	S.A. Hutchins	Oct. 25, 1963	3	5	25	2	Sulphur	S	Topsoil 2; red clay 25; quicksand 40; hardpan 42; soft grey rock 48. Water at 46.
CG	L. Day	W.I. Hernandez	Nov. 12, 1963	4	4	18	8	Fresh	D	Clay 15; blue clay 42; limestone 47; limestone 65. Water at 65.
Con I	J.J. McCaffrey	S.A. Hutchins	Mar. 10, 1962	3	6	20	3	"	D, S	Clay fill 15; sand 4; red clay 12; boulders clay 14; red clay 15; clay 35; hardpan 40; sand 44; brown rock 50; water at 50.
Con I	H. Reaume	"	Sep. 13, 1963	3	5	25	8	"	S	Clay 10; blue clay 42; gravel 45; limestone 52. Water at 53.
Con I	A. Martin	Lucier Well Drilling	Sep. 18, 1963	3	5	25	8	Fresh	S	Clay 20; blue clay 30; hardpan 34; limestone 52. Water at 53.
Con I	T. Mickle	"	Nov. 14, 1960	3	15	16	12	"	D, S	Clay 25; sand 35; gravel 36; shale 38. Water at 38.
Con I	A. Chouinard	S.A. Hutchins	Aug. 30, 1961	3	3	50	12	"	D, S	Topsoil 2; red clay 42; blue clay 30; sand clay 38.
Con I	J. Pettypiece	"	Jun. 21, 1961	3	5	15	3	"	D, S	soft limestone 42. Water at 41.
Con II	W.J. Halstead	M. Hernandez & Sons	Aug. 6, 1960	4	4	38	28	Sulphur	D	Clay 18; blue clay 44; limestone 58. Water at 58.
Con III	H. Brush	S.A. Hutchins	Aug. 31, 1961	3	4	22	10	Fresh	D	Yellow clay 20; blue clay 29; sand 32; blue clay 40; hardpan 43.
Con III	J. Sheprak	D. Sundin	Aug. 27, 1963	4	20	15	6	"	D	Black soil 3; red clay 32; white clay 42; white limestone 58.
Con IV	R. Ridsdale	S.A. Hutchins	May 6, 1961	3	4	25	25	"	D	Yellow clay 18; blue clay 39; hardpan 40; gravel 41. Water at 41.
Con IV	T. Deslippe	"	Jul. 14, 1962	3	5	50	28	"	D	Yellow clay 15; blue clay 35; grey sand 42; shale gravel sand 43; water at 45.
Con IV	A. Bridgen	"	Oct. 15, 1963	3	3	85	40	Sulphur	D	Yellow clay 18; blue clay 59; sand 60; limestone 68. Water at 68.
Con IV	J.E. Burns	"	Oct. 18, 1961	3	4	50	30	"	D, S	Yellow clay 18; blue clay 45; sand 50; limestone 60. Water at 60.
Con IV	C. Borrowman	E.M. Hernandez	Oct. 31, 1963	3	27	33	30	"	D, S	Clay 15; blue clay 59; limestone 72; grey limestone 110. Water at 106.
Con IV	S. Dupont	M. Hernandez & Sons	Sep. 2, 1961	7	15	40	26	Fresh	S	Yellow clay 18; blue clay 50; sand 56; limestone 58. Water at 58.
Con IV	J. Cellier	S.A. Hutchins	May 28, 1962	3	4	50	30	"	D, S	Topsoil 1; clay 5; limestone 59; brown limestone 63. Water from 58 to 59, and at 62.
Con V	P. Kironner	"	May 24, 1960	3	2	70	27	"	D, S	Topsoil 1; clay 57; sandy clay 60; brown limestone 68. Water at 65.
Con V	O. Anlin	"	May 25, 1962	3	3	80	50	"	D	Clay 15; blue clay 53; sand 62; limestone 68. Water at 68.
Con V	P. Deslippe	"	Jul. 29, 1963	3	3	50	30	"	D, S	Clay 15; sand 15; blue clay 62; sand 65; limestone 85. Water at 84.
Con V	L. Dent	"	Aug. 14, 1963	3	3	75	30	"	D, S	Grey clay 22; sand 39; blue clay 72; limestone 93. Water at 93.
Con V	G. Dent	"	Oct. 3, 1963	4	4	50	30	Sulphur	D	Clay 15; blue clay 42; sand 47; blue clay 63; limestone 70; limestone 85. Water at 84.
Con V	Malden Twp.	"	Jun. 6, 1960	3	4	20	17	Fresh	P	Clay 1; blue clay 45; sand 50; blue clay 55; sand 59; hardpan 61; gravel 62. Water at 62.
Con V	W. Miller	"	Jul. 20, 1960	3	4	20	15	"	D	Yellow clay 18; blue clay 60; gravel 65. Water at 65.
Con V	J.E. McKenna	D. Sundin	Aug. 5, 1960	3	5	20	15	"	D	Yellow clay 18; blue clay 65; hardpan 67; gravel 71. Water at 71.
Con V	"	"	Jun. 7, 1961	3	5	30	1	"	D	Yellow clay 10; blue clay 44; sand 49; grey shale 52; sand 53; grey limestone 110. Water from 80 to 100.

Con V	Ont. Dept. of Lands & Forests	M. Hernandez & Sons	Jun. 13, 1960	8	150	68	7	Fresh	P	Loam 1; clay 68; grey limestone 861. Water from 84 to 861.
Con V	lot 56	"	Jul. 18, 1961	5	5	45	2	"	P	Topsoil 1; clay 51; sand 52; limestone 60. Water at 60.
Con V	lot 56	"	Jul. 18, 1961	5	10	50	3	"	P	Topsoil 1; clay 50; sand 51; clay 52; sand 54; grey rock 57.
Con VI	"	"	Aug. 3, 1963	3	2	70	30	"	D	Water at 57. Clay 15; blue clay 6; sand 71; sandstone 82. Water at 79.
Con VI	"	"	Jul. 12, 1961	3	2 1/2	70	30	"	D, S	Clay 2; blue clay 9; sand 43; blue clay 70; sand 72; sandstone 100; limestone 120. Water from 100 to 116.
Con VI	"	"	Aug. 24, 1961	3	4	65	30	"	D	Yellow clay 5; blue clay 6; sand 70; shale 72. Water at 72.
Con VI	"	"	Apr. 4, 1963	3	4	50	30	"	D	Yellow clay 20; blue clay 6; hardpan 70. Water at 70.
Con VI	"	Lucier Well Drilling	Aug. 20, 1963	4	5	60	20	"	D, S	Topsoil 2; red clay 25; blue clay 60; hardpan 68; soft grey rock 88. Water at 87.
Con VI	"	S.A. Hutchins	Jun. 19, 1963	3	4	35	29	"	D, S	Clay 1; blue clay 48; sand 50; blue clay 55; gravel 63. Water at 63.
Con VII	"	D. Sundin	Jun. 22, 1961	3	36	25	2	"	D	Sand 5; black wack 10; blue clay 25; stone 29; clay 43; stone 44; clay 55; gravel clay 56; grey limestone 67. Water at 67.
Con VII	"	Lucier Well Drilling	May 24, 1960	3	2	50	20	"	D	Topsoil 1; red clay 20; blue clay 60; sand clay 67; iso't grey rock 90. Water at 90.
Con VII	"	M. Hernandez & Sons	Jun. 14, 1962	3	4	22	22	"	F	Clay loam 1; yellow clay 25; blue clay 80; sandstone 82. Water from 80 to 82.
Con VII	"	Lucier Well Drilling	Jul. 28, 1962	4	6	46	15	"	D	Topsoil 1; red clay 20; blue clay 60; clay sand 80; sand 84; soft grey rock 113. Water at 113.
Con VII	"	D. Sundin	Nov. 12, 1960	6	10	60	25	"	D, S	Pump pit 6; fine sand 9; blue clay 65; clay stones 82; shale sand 86; grey limestone 86. Water at 89.
Con VII	"	"	May 8, 1961	4	2 1/2	60	42	"	D	Clay 95; shale 99; clay limestone 101; grey limestone 165; sandstone 175. Water from 110 to 175.
Con VII	"	M. Hernandez & Sons	Dec. 1960	7	20	30	30	"	D, S	Topsoil 1; clay 15; sand 17; blue clay 70; hardpan 78; gravel 80; sandstone 82. Water from 78 to 80; sand from 80 to 82.
Con VIII	"	"	Sep. 12, 1961	4	6	24	16	"	D	Black soil 2; grey clay 85; grey sand 88; grey gravel 93. Water at 93.
Con IX	"	"	Nov. 28, 1961	3	3	75	18	Sulphur	D	Loam 1; blue clay 90; grey rock 115. Water from 110 to 115.
Mersea Twp.	lot 14	H. Der'ison	Jan. 13, 1962	4	2 1/2	60	18	Sulphur	D, S	Blue clay 74; brown limestone 96. Water from 90 to 96.
	Con I	P. Moaro	Jun. 23, 1961	8	19	90	48	Fresh	In	Light sand 45; grey clay 160; hardpan 200; grey limestone 205; gravel 210. Water at 205.
	Con II	F. Pannunzio	Apr. 23, 1962	8	50	157	36	Sulphur	N	Yellow sand 2; grey sand 12; dark sand 28; grey clay 140; white limestone 190; black rock 250; white limestone 330. Water at 330.
	Con II	"	Apr. 30, 1962	8	100	80	35	Fresh	Ir	Yellow sand 2; red sand 12; grey sand 77; grey clay 95; gravel 140; grey rock 166. Water at 140 and 160.
	Con II	P. Gaccolanilli	Apr. 4, 1961	8	36	130	45	"	Ir	Sand 45; blue clay 160; white limestone 165. Water from 160 to 165.
	Con II	P. Mastromoro	Jan. 20, 1960	8	33		0	"	In	Clay 50; hardpan 51; coarse sand gravel 60. Water from 51 to 60.
	Con III	J. Toews	Feb. 11, 1963	8			75	"	N	Yellow sand 3; gravel 22; grey clay 120; quicksand 152; white limestone 160; quicksand 164 rock 307. Water at 166.
	Con III	"	Nov. 3, 1963	8	14	150	65	"	Ir	Yellow sand 3; gravel 22; grey clay 70; gravel 75; hardpan 103; quicksand 154; white limestone 172; brown limestone 225. Water at 172, 198 and 225.
	Con III	B. Koop						"		Plene sand 126; white limestone 166. Dry hole.
	Con III	J. Cornish	Mar. 15, 1961					"		Topsoil 1; sand 10; blue clay 35; out'c' sand 70; clay gravel 118; Brown limestone 135. Water at 133.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Morse Twp. - cont. Con III	C. Berg	M.J. Williams	Sep. 12, 1960	3	64		Flows	Fresh	D	Blue clay 38; fine sand 63; grey limestone 71. Water from 38 to 63.
Con III	W. Williams	M. Hernandez	Jul. 3, 1963	8	200	7	2	"	Ir	Black sand 3; clay sand 7; grey clay 45; coarse gravel 65. Water from 45 to 65.
Con III	J.M. Fernandes	"	Jul. 23, 1963	8	75	7	3	"	Ir	Yellow sand 3; nickel sand 10; grey clay 46; coarse gravel 70; hardpan 74. Water from 64 to 70.
Con III	J. Cervini	E.M. Hernandez	Apr. 5, 1960	8	30	22	Flows	"	N	Topsoil 1; yellow nickel sand 14; blue clay 70; sand 72; gravel 74; clay sand and gravel 98. Water from 72 to 74.
Con III	"	"	May 4, 1960	8	10	60	"	"	N	Topsoil 1; yellow nickel sand 14; blue clay 70; sand 74; gravel 75; sand gravel clay 100; shale 101; soft grey limestone 145; brown limestone 300; grey limestone 460; blue shale 480; hard brown limestone 505. Water from 72 to 93 and at 101.
Con III	"	M. Hernandez & Sons	Oct. 1, 1960	8	15	22	Flows	"	In	Topsoil 1; sand 15; blue clay 75; fine sand limestone 90; limestone 150. Water at 100.
Con III	A. Sabelli	E.M. Hernandez	Jul. 31, 1963	9	15	70	13	"	In	Topsoil 1; nickel sand 11; blue clay 70; gravel clay 79; brown limestone 163. Water from 93 to 100.
Con III	L. Seili	M.J. Williams	Sep. 28, 1963	3	6	123	18	Sulphur	D, S	Blue clay 110; brown limestone 123. Water at 123.
Con IV	O. Sherr	"	Jan. 10, 1961	4	42	140	42	Fresh	In	Gravel 20; sand 163; white limestone 180. Water at 168.
Con IV	S. Nickels	E.M. Hernandez	Mar. 20, 1961	8	60	54	18	Sulphur	Ir	Gravel 20; sand 124; white limestone 190. Dry hole.
Con IV	H. Whittle	M.J. Williams	Jul. 11, 1960	3	7	15	0	Fresh	D	Topsoil 1; nickel sand 22; blue clay 95; sand 110; sand gravel 120; gravel 134; limestone 155. Water at 152.
Con IV	W. James	"	May 10, 1960	3						Blue clay 42; hardpan 64; fine sand 78; coarse gravel. Water from 64 to 78.
Con IV	"	"	May 16, 1960	3						Clay 44; white limestone 68. Dry hole.
Con IV	"	"	May 21, 1960	3						Clay 34; white limestone 70. Dry hole.
Con IV	"	"	May 31, 1960	3						Clay 34; white limestone 73. Dry hole.
Con IV	J. Keller	"	Jun. 16, 1960	3	17	17	12	Fresh	D	Grey clay 72; grey limestone 80. Water at 80.
Con IV	A. Howard	"	Mar. 21, 1961	3	5	25	8	"	D	Blue clay 37; grey shale 38. Water at 38.
Con IV	C. Poulton	"	Aug. 15, 1962	3	5	30	16	"	D	Blue clay 35; white limestone 42. Water at 36.
Con IV	B. Marchand	M. Hernandez & Sons	Dec. 4, 1962	3	5	25	20	"	D	Fill 2; clay 36; sand 37; hard hardpan 39; sand 41; hardpan 43; gravel 44. Water from 43 to 44.
Con IV	H. Cunningham	W. Hernandez	May 27, 1963	3	2	25	22	"	D	Fill 2; clay 38; sand 40; rock 43; clay hardpan 43; gravel 45.
Con IV	E. Coulter	M.J. Williams	Nov. 9, 1963	3	12	30	12	"	D	Clay 76; grey limestone 83. Water at 83.
Con IV	J. Belan	"	Nov. 16, 1963	3	20	25	12	"	D	Clay 77; limestone 86. Water at 86.
Con IV	A. Symons	"	Jul. 28, 1961	3	5	25	10	"	C	Blue clay 45; grey limestone 47. Water at 47.
Con IV	H. Borland	S.H. Smith	May 15, 1963	3	5	25	7	"	C	Blue clay 74; hardpan 77; sand. Water at 77.
Con IV	"	"	Aug. 21, 1960	8	33	60	14	"	In	Brown hardpan 14; blue clay 100; gravel 104. Water at 100.
Con IV	E.W. Seili	"	Apr. 31, 1960	5	23	65	14	"	D, S	Topsoil 1; blue clay 100; gravel 103. Water at 100.
Con IV	"	"	Sep. 4, 1960	5	4	23	15	"	D, S	Brown hardpan 16; blue clay 101; gravel sand 104. Water at 104.
Con V	O. Sharp	M.J. Williams	Jan. 26, 1961	4						Gravel 20; sand 152; white limestone 180. Dry hole.
Con V	W. Williams	"	May 10, 1961	3	25	12	2	Fresh	D	Blue clay 52; sand gravel 61. Water from 52 to 61.
Con V	F. Diok	M. Hernandez & Sons	Jun. 10, 1961	3	8	25	2	"	D	Blue clay 47; hardpan 58; hardpan. Water from 52 to 58.
Con V	"	"	Apr. 30, 1960	3	36	76	5	"	D	Sand 1; clay 70; hardpan 72; clay 100; grey limestone 136. Water from 130 to 136.
Con V	J. Antel	M.J. Williams	Jan. 31, 1961	3	8	25	5	"	D	Blue clay 78; hardpan 82; coarse gravel 83. Water at 82.
Con V	J. Lehn	"	Mar. 8, 1962	3	25	19	4	"	D	Blue clay 90; sandy blue clay 97; soft grey limestone 102. Water at 102.
Con V	J. Muller	E.M. Hernandez	Jul. 20, 1963	5	10	20	3	"	D, S	Clay 20; coarse sand 98; brown limestone 105. Water from 103 to 104.
Con V	C. Beavet	M.J. Williams	Nov. 1, 1960	3	16	20	5	"	C	Clay 75; hardpan 79; gravel 84. Water 79.

Con V	lot	D. Latam	M.J. Williams	Apr. 6, 1961	3	16	5	Fresh	D	Blue clay 77; gravel 81. Water at 77.
Con V	7	W. Pritchard	"	Aug. 15, 1961	3	20	30	"	In	Blue clay 80; stone hardpan 96; grey limestone 101. Water at 88.
Con V	"	B. Wales	"	Nov. 9, 1961	3	16	30	"	D	Blue clay 90; sand hardpan 111. Water at 111.
Con V	"	R. Verspealt	"	Oct. 2, 1963	3	12	88	"	D	Blue clay 80; stony hardpan 96; brown limestone 88. Water at 88.
Con V	"	T. Staudt	A. Wilkinson	May 21, 1962	4	6	43	"	D, S	Sand 20; blue clay 90; black shale 91. Water at 91.
Con V	15	W. Hall	M.J. Williams	Feb. 23, 1961	3	8	25	"	D, S	Blue clay 78; clay 90; limestone 93. Dry hole.
Con V	15	H. Hutchins	"	Feb. 25, 1961	3	12	15	"	D, S	Blue clay 70; white limestone 82. Water at 82.
Con VI	"	M. Ford	S.H. Smith	Aug. 20, 1960	3	12	2	"	D	Blue clay 70; sand 100; gravel sand 110. Water from 70 to 110.
Con VI	"	D. Tatonir	M.J. Williams	Aug. 15, 1960	3	33	120	"	D	Blue clay 65; fine sand 119; gravel 120. Water from 65 to 120.
Con VI	4	W. Koop	M. Hernandez & Sons	Nov. 1, 1960	7	2	130	"	N	Topsoil 1; sand 12; blue clay 100; fine sand 115; fine sand clay 130; limestone 100. Water at 100.
Con VI	"	J. Koop Jr.	"	Oct. 18, 1961	7	25	16 1/2	"	D, Ir	Topsoil 1; sand 14; blue clay 70; sand clay 128; brown limestone 140; grey limestone 194. Water from 142 to 167.
Con VI	"	M. Kos	M.J. Williams	Feb. 19, 1960	4	17	20	"	D	Blue clay 97; hardpan 115; limestone 128. Water at 125.
Con VI	7	"	"	Apr. 5, 1963	4	17	129	"	N	Blue clay 105; stony hardpan 114; brown limestone 139. Water at 123.
Con VI	13	J. Brown	S.H. Smith	Jan. 15, 1960	4	35	"	"	N	Sandy topsoil 12; blue clay 98; gravel hardpan 105; shale 122. Water from 98 to 105.
Con VI	"	"	"	Feb. 2, 1960	4	"	"	"	"	Blue clay 97; gravel hardpan 104; shale 117. Dry hole.
Con VI	13	"	"	Mar. 2, 1960	4	"	"	"	"	Blue clay 81; blue clay 100; hardpan 107; hard brown rock 132. Dry hole.
Con VI	"	C. Kuli	M.J. Williams	Oct. 14, 1960	3	17	25	"	In	Clay 95; hardpan 100; limestone 101. Water at 101.
Con VI	13	S. Tolman	"	May 30, 1962	3	6 1/2	40	"	In	Blue clay 90; hardpan 100; grey limestone 103. Water at 102.
Con VI	19	P. Katzenberger	A. Wilkinson	Oct. 25, 1961	3	13	28	"	D, S	Blue clay 90; black shale 99; gravel 101. Water at 99.
Con VII	"	E. Roadhouse	M.J. Williams	Jun. 19, 1963	3	"	"	"	"	Blue clay 65; fine sand 94; hardpan sand 123; brown limestone 133. Dry hole.
Con VII	"	"	"	Jul. 11, 1963	3	25	94	"	D	Blue clay 65; fine sand 93; coarse gravel 64. Water from 93 to 94.
Con VII	"	J. Koop	E.M. Hernandez	Mar. 10, 1960	8	70	12	"	Ir	Topsoil 1; sand 6; blue clay 85; sand 87; clay sand 91; sand 101; quicksand 110; gravel 117; limestone 156. Water from 110 to 117 and at 210.
Con VII	6	L. Dawson	M. Hernandez & Sons	Dec. 28, 1960	3	6	38	"	D	Black soil 28; grey clay 40; dark clay 80; hardpan 95; soft dark clay 102; grey limestone 105. Water at 105.
Con VII	"	B. Brown	M.J. Williams	Aug. 3, 1961	4	17	30	"	D	Blue clay 90; hardpan stones 113; grey limestone 143. Water from 110 to 143.
Con VII	"	W. Wladarski	E. Hernandez	Jun. 15, 1962	4 1/2	2	70	"	N	Topsoil 38; clay 90; sandy clay 93; fine sand 98. Water from 93 to 98.
Con VII	"	"	"	Feb. 20, 1963	7	5	40	"	D	Topsoil 1; blue clay 105; sand clay 117. Water at 115.
Con VII	13	C. Robinson	"	Feb. 25, 1963	7	5	50	"	D	Topsoil 1; clay 105; brown limestone 117. Water at 115.
Con VII	"	H. Driedger	M.J. Williams	Aug. 1, 1960	4	"	"	"	"	Blue clay 108; grey limestone 140. Dry hole.
Con VII	"	"	"	Aug. 1, 1960	4	"	"	"	"	Blue clay 108; grey limestone 143. Dry hole.
Con VII	13	"	"	Aug. 12, 1960	5	"	"	"	"	Blue clay 103; grey limestone 173. Dry hole.
Con VII	"	J. Neufield	E.M. Hernandez	May 30, 1962	5	1	90	"	N	Topsoil 1; clay 90; limestone 190. Water at 92.
Con VIII	"	M. Tlesien	M.J. Williams	Nov. 17, 1962	4	17	15	"	In	Water clay 90; brown 95; fine sand 102; coarse gravel 103.
Con VIII	"	"	"	Mar. 21, 1963	4	"	4	"	N	Water from 15 to 103.
Con VIII	3	P. Rauch	"	"	"	"	"	"	"	Sandy topsoil 10; blue clay 90; hardpan sand clay 110. Water from 90 to 110.
Con VIII	"	J. Rauch	E.M. Hernandez	Jul. 12, 1963	9	100	25	"	Ir	Sand 15; clay 96; hardpan coarse stones gravel shale 10; hard grey limestone 112. Water at 103.
Con VIII	"	K. Bradford	M.S. Williams	Aug. 26, 1961	4	17	30	"	D	Blue clay 80; hardpan stones 113; grey limestone 123. Water at 123.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- LING METER	PUMP- LING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Mersea Twp. - cont. Con VIII lot 8	M. Myers	M.J. Williams	Jun.25,1960	3	17	31	26	Sulphur	D,S	Grey clay 102;clay hardpan 108;grey limestone 110. Water at 110.
Con IX	J. Hallier	"	Oct. 7,1961	3	17	40	25	"	S	Blue clay 100;hardpan 103;coarse gravel 104. Water at 103.
Con IX	D. Gallanders	"	Dec.14,1960	3	15	40	26	"	S	Blue clay 105;hardpan 109;limestone 110. Water at 107.
Con IX	L. Reid	"	Sep. 6,1960	3	17	40	18	"	D,S	Blue clay 97;grey limestone 99. Water at 99.
Con X	P. McKen	"	Jul. 9,1963	3	33	103	8	"	S	Blue clay 92;stony hardpan 102;black shale 103. Water from 102 1/2 to 103.
Con XI	A. McKen	"	Jun.13,1961	3	33	25	12	"	D,S	Blue clay 95;grey limestone 100. Water at 100.
Con XI	A. Whittall	"	Sep.17,1961	3	21	40	20	Fresh	D	Blue clay 113;grey limestone 117. Water at 117.
Con XI	A. Dalles	A. Wilkinson	Apr.27,1962	4	2	25	25	"	D,S	Blue clay 155;gravel hardpan 161. Water at 161.
TEN	Watsons School	S.H. Smith	May 17,1960	4	3	28	23	"	P	Hard too brown clay 8;blue clay 97;hardpan 105. Water at 105.
TEN	E. Bealley	M.J. Williams	Apr.11,1961	3	8	25	10	Sulphur	D,S	Blue clay 81;grey limestone 89. Water at 89.
TEN	K. Haller	"	Oct.19,1963	3	8	80	15	Fresh	D,S	Blue clay 79;brown limestone 84. Water at 79.
TEN	N. Oorba	S.H. Smith	Mar.15,1961	3	50	2		Fresh	D,In	Topsoil 2;quicksand gravel 7;blue clay 88;hardpan 91. Dry hole.
TEN	H. Benluk	M. Hernandez	Jan.19,1961	8	50	2	Flows	Fresh	D,In	Red clay loam 2;grey clay 66;hardpan 69;grey shale 72;gravel 80. Water from 72 to 80.
TEN	H. Oorier	S.H. Smith	Jun.18,1960	4						Topsoil 2;yellow hardpan 14;blue clay 101;silty sand 104. Dry hole.
TEN	"	"	Jun.20,1961	4						Topsoil 1;brown hard soil 7;blue clay 97;hardpan 103. Dry hole.
TEN	B. Harris	D. Surdin	Oct.19,1961	3	20	40	17	Fresh	D	Sandy soil 3;clay 94;hardpan 97;gravel sand 98. Water at 98.
TEN	P.J. Dyck	M.Hernandez&Sons	Feb.8, 1961	8	1	116	35	"	In	Topsoil 1;grey clay 97;grey limestone 119. Water from 97 to 98.
TEN	A.E. Bradley	S.H. Smith	May 31,1960	4				Fresh	N	Top brown clay 8;blue clay 84;hardpan 89;dark limestone 105; Dry hole.
TEN	"	"	Apr. 2,1961	4			40	Fresh	N	Top clay 2;hard brown clay 9;blue clay 83;hardpan 86;silty sand 87;grey limestone 98. Water at 87.
TEN	R. Tiesen	"	Jun.15,1961	4				Fresh	N	Topsoil 2;brown hardpan 12;blue clay 82;hardpan 91. Dry hole
TEN	G. Hotz	"	Mar.16,1960	4	1	90	33	"	N	Top brown clay 8;blue clay 88;hardpan 93. Water at 93.
TEN	W.G. Lacky	"	Apr.15,1960	4	5	45	23	"	D,S	Top brown clay 8;blue clay 84;hardpan 92. Water at 92.
TEN	A. Hegrith	"	Sep.24,1960	3	4	72	72	Sulphur	N	Top sandy loam 4;blue clay 90;hardpan 93;brown limestone 109. Water at 107.
TEN	"	"	Dec.24,1960	4				Fresh	D,S	Brown sandy clay 6;blue clay 52;hardpan 58. Dry hole.
TEN	"	"	Dec.31,1960	4			3 1/2	Fresh	D,S	Brown sandy clay 5;blue clay 53;hardpan 58;rock. Dry hole.
TEN	"	"	Jun.30,1961	4	3	50		"	In	Sandy clay 2;hard brown clay 10;blue clay 54;gravel sand 56; rock. Water from 54 to 56.
TEN	P. Ingratta	M.Hernandez&Sons	Jan.10,1962	8	12	75	Flows	"	In	Light yellow sand 2;white sand clay 6;quicksand 21;grey clay 81;grey sand 92;white limestone 160. Water at 92.
TEN	"	"	Jun.15,1962	7	12	92	"	"	In	Light sand 2;grey sand 8;grey clay 50;quicksand 83;gravel 92; white limestone 140. Water at 93.
Pelee Twp. lot 4a	L.Ryvesee	G. Evans	Oct.14,1960	7	2	90	8	Fresh	D,S	Loam 10;grey limestone 90. Water at 70.
Rochester Twp. ERE Con I lot 1P	A. Marentette	M.J. Williams	Jul.31,1963	3	15		5	Fresh	D,S	Blue clay 100;sand 109;coarse gravel 110. Water at 109.

ROCHESTER TWP. - cont.	Loc	Twp.	W. Granger	M.J. Williams	Aug. 13, 1963	3	8	106	5	Fresh	D.S	Blue clay 100; fine sand 104; coarse sand 110. Water from 104 to 110.
BRE Con I	"	19	S. Cayallier	"	Aug. 16, 1963	3	17	110	8	Sulphur	D.S	Blue clay 110; brown limestone 115. Water at 115.
BRE Con II	"	20	J. & H. Dunn	Lucier Well	Apr. 11, 1961	4	5	70	16	"	D.S	Topsoil 2; red clay 20; blue clay 40; sand clay 50; clay 70; sand 92; shale 93; hard grey rock 140. Water at 129.
BRE Con II	"	30	M. Casper	D. Sundin	Aug. 22, 1960	3	3	60	16	Fresh	D	Clay 92; fine sand 109; grey limestone 114. Water at 114.
BRE Con III	"	28	S. Olson	M.J. Williams	May 10, 1963	3	11	114	5	"	D	Blue clay 92; fine sand 104; coarse sand 114. Water from 92 to 114.
BRE Con V	"	17	C. Reptier	Johnston Bros.	Sep. 15, 1961	3	8	12	9	Sulphur	S	Yellow clay 12; blue clay 102; sand gravel 103; brown limestone 105. Water at 105.
BRE Con VI	"	25	M. Rivest	M.J. Williams	Jul. 1, 1960	3	33	13	3	"	D.S	Blue clay 98; harden 102; grey limestone 108. Water at 102.
BRE Con VII	"	30	B. Knight	"	Sep. 19, 1960	3	50	12	12	"	D.S	Blue clay 91; harden 102; grey limestone 108. Water at 108.
BRE Con VII	"	27	C. Gasser	"	Jul. 6, 1960	3	17	20	3	Fresh	D.S	Blue clay 92; harden 94; coarse gravel 06. Water at 06.
BRE Con VII	"	27	S. Rhodes	H. LeClaire	Jul. 7, 1960	4	8	45	7	"	D.S	Blue clay 80; silty clay blue sand 12; grey sand silt 132; hard grey rock 141. Fresh water from 125 to 132, sulphur at 140.
MRN	"	5	A. Dupus	M.J. Williams	Jun. 8, 1961	3	17	25	8	"	P	Blue clay 100; harden sand 117; harden. Water from 108 to 117.
MBS	"	8	G. Mulhall	"	May 27, 1961	3	17	25	8	Sulphur	S	Blue clay 110; grey limestone 112. Water at 112.
Sandwich East Twp.	lot 128		Little River Country Club	M. Hernandez	Jul. 5, 1963	7	10	5	Flows	Sulphur	P	Clay loam 3; grey clay 112; harden 115. Water at 115.
Con III	"	110	A. Carriere	Lucier Well	Sep. 15, 1960	4						Topsoil 3; red clay 28; blue clay 110; grey sand 130; soft grey rock 191. Dry hole.
Con III	"	136	A. Schertzer	Drilling	Nov. 16, 1962	3	10	25	10	Fresh	D.S	Topsoil 2; red clay 20; blue clay 90; clay sand 115; sand 120; soft grey rock 130. Water at 130.
Sandwich South Twp.	lot 1		Dr. A. Thomas	Lucier Well	May 16, 1960	4	6	22	12	Sulphur	D.S	Topsoil 2; red clay 20; blue clay 60; clay sand 82; soft grey rock 115. Water at 100.
Con V	"	2	C. Young	Drilling	Jul. 1, 1961	4	5	65	12	Fresh	D.S	Topsoil 2; red clay 20; blue clay 75; coarse gravel 80. Water at 80.
Con V	"	7	C. Thompson	D. Sundin	Oct. 24, 1963	3	4	40	29	"	D	Yellow clay 10; blue clay 110; sand 112; shale sand 113. Water at 113.
Con V	"	7	M.L. Wright	"	Nov. 6, 1963	4	5	45	33	"	D	Clay topsoil 2; yellow clay 10; blue clay 100; clay sand 113; gravel 116. Water at 116.
Con VII	"	4	H. Shuel	Lucier Well	Sep. 27, 1960	3	4	40	29	"	D	Topsoil 3; red clay 12; blue clay 67; sand clay 90; sand 92; soft limestone 105. Water at 105.
Con VII	"	4	"	D. Sundin	Sep. 21, 1961	3	4	40	27	"	D	Clay 104; harden 105; sand gravel 106; grey limestone. Water at 106.
Con VII	"	13	A. Lauzon	Lucier Well	Sep. 1, 1960	4						Topsoil 3; red clay 17; blue clay 58; clay pebbles 63. Dry hole.
Con VII	"	13	"	Drilling	Sep. 2, 1960	4	7	35	33	Fresh	D	Topsoil 3; red clay 40; blue clay 63; soft grey rock 83. Water at 83.
Con VII	"	13	P. Doorigan	S. Gilbert	Jun. 8, 1962	4	8	43	38	"	D	Blue clay 112; clay gravel 115; medium sand 120; gravel 126; hard grey limestone 130. Water at 130.
Con VII	"	15	P. Lyons	D. Sundin	Mar. 14, 1960	3	1 1/2	100	35	Sulphur	D	Black topsoil 1; yellow clay 12; blue clay 80; clay fine sand 137; clay sand harden 162; clay stones 167; grey limestone 205; hard grey limestone 213. Water at 210.
Con VIII	"	12	Pacca Const.	Lucier Well	Nov. 7, 1960	4	6	50	15	"	D	Topsoil 3; red clay 20; blue clay 80; clay gravel 100; gravel 107. Water at 107.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont.										
Sandwich South Twp, cont.										
Con VIII	A. Menko	Lucier Well Drilling	Sep. 1 st , 1963	4	5	60	35	Fresh	D	Tonssell 2; red clay 20; blue clay 70; horizon 72; clay sand gravel 90; horizon 97. Water at 96.
Con VIII	E. Robinson	"	Oct. 1, 1960	3	10	27	12	"	D	Tonssell 1; red clay 20; blue clay 100; sand 114; soft grey rock 116. Water at 115.
Con VIII	M. Browne	"	Oct. 7, 1960	3	4	65	20	Sulphur	D	Tonssell 1; red clay 15; 20; blue clay 90; quicksand 112; sand 118; soft grey rock 137. Water at 130.
Con VIII	G. Weir	"	Oct. 18, 1960	4	10	45	20	Fresh	D	Tonssell 1; red clay 20; blue clay 100; sand clay 126; sand 128; soft grey rock 141. Water at 130.
Con IX	G. Nash	S. Gilbert	May 27, 1961	3	10	39	35	"	D	Tonssell 1; brown clay 34; gravel brown clay 58; grey clay 83; gravel 90; hard grey granite 92. Water at 85 and 92.
Con IX	H. Adams	E.M. Hernandez	May 28, 1963	5	5	35	24	"	D, S	Tonssell 1; clay 90; sandy clay 101; brown limestone 103. Water at 107.
Con IX	H. Washbrook	Lucier Well Drilling	Jun. 1, 1960	4	2	100	20	Sulphur	D	Tonssell 2; red clay 25; blue clay 85; clay sand 125; soft grey rock 155. Water at 151.
Con X	B. Perouche	Johnson Bros. Drilling	Apr. 12, 1960	4	8	50	28	Fresh	D, S	Yellow clay 10; blue clay 88; gravel 103; shale 104. Water at 104.
Con X	P.H. Collins	Lucier Well Drilling	May 8, 1961	4	4	20	15	"	D	Tonssell 2; red clay 20; blue clay 65; sand gravel 76; soft grey rock 100. Water at 100.
Con X	W. McCarthy	"	Feb. 5, 1963	3	4	30	20	"	D, S	Tonssell 2; red clay 20; blue clay 70; quicksand 120; sand gravel 125; soft grey rock 135. Water at 135.
Con XII	Sherwood Forest	M. Hernandez & Sons	Oct. 25, 1961	7	30	20	16	Sulphur	P	Black soil 2; grey clay 114; gravel 116; soapstone 157. Water at 157.
TRN	Midstone	Johnston Bros.	Mar. 26, 1960	4	6	38	34	Fresh	P	Yellow clay 10; soft blue clay 100; hard blue clay 107; gravel sand 113; brown limestone 120. Water at 120.
TRN	S. Gaultier	S. Gilbert	Dec. 28, 1962	3						Tonssell 1; blue clay 75; clay gravel 87; fine gravel 95; fine sand 107; grey granite 111; soft limestone 136. Dry hole.
TRN	"	"	Jun. 6, 1963							Tonssell 1; blue clay 18; clay gravel 81; fine gravel 95; fine sand 110; soft limestone 141. Dry hole.
TRN	A. Humeau	Lucier Well Drilling	Nov. 16, 1963	4	5	65	35	Sulphur	D	Tonssell 2; red clay 20; blue clay 100; horizon 115; sand 120; soft grey rock 154. Water at 154.
TRN	E. Markham	S. Gilbert	May 10, 1962	3	9	42	35	"	D	Tonssell 1; blue clay 102; blue clay gravel 104; shale 108. Water at 108.
TRN	R.C. Flood	"	Aug. 26, 1961	3	9	35	30	Fresh	D	Blue clay 90; clay sand 105; fine gravel 111; coarse gravel 116; soft grey limestone 119. Water at 114 and 119.
TRN	E. Blithem	Lucier Well Drilling	Sep. 7, 1963	3	5	50	35	"	D	Tonssell 2; red clay 25; blue clay 70; gravel clay 75; blue clay 100; horizon 107; sand 108; soft grey rock 111. Water at 110.
TRN	Sandwich South School Area	Johnston Bros.	Feb. 22, 1960	4	8	37	37	"	P	Yellow clay 8; blue clay 100; sand gravel 112; horizon limestone 119. Water at 119.
TRN	D.K. Borrowman	M. Hernandez & Sons	May 22, 1961	7	15	39	38	"	D	Tonssell 1; yellow clay 8; blue clay 126; medium coarse sand 128; brown limestone 132. Water at 135.
TRN	G. Shepley	E.M. Hernandez	Jun. 12, 1963	5	7 1/2	47	44	"	C	Tonssell 1; clay 65; quicksand 75; blue clay 120; horizon 128; sand clay 130; brown limestone 132. Water from 131 to 132.
TRN	R. Brumm	S. Gilbert	Jul. 11, 1963	3	12	43	37	"	D	Clay 82; clay gravel 89; gravel 104; coarse sand 115; fine sand 126; grey limestone 141. Water at 141.
TRN	Twp. Sandwich South	"	Nov. 12, 1963	4	7	49	39	"	P	Sand 1; blue clay 72; clay gravel 83; blue clay 101; coarse gravel 113; sand 116; fine sand 124; soft rock 126. Water at 126.
TRN	R. Thompson	Lucier Well Drilling	Apr. 12, 1960	4	10	50	38	"	D	Tonssell 2; yellow clay 20; blue clay 120; clay sand 126; gravel sand 133; grey rock 137. Water at 133.
TRN	B. Pettyspiece	E.M. Hernandez	Mar. 13, 1963	7	10	40	37	"	D	Tonssell 1; clay 127; sandy clay 129; brown limestone 150. Water at 145.
TRN	C. Hass	Lucier Well Drilling	Oct. 21, 1960	4	4	65	30	Sulphur	D	Tonssell 2; red clay 19; blue clay 80; sand pebbles 98; sand 108; soft grey rock 122. Water at 116.
---	"	"	Oct. 2, 1961	7	20	90	18	"	D	Tonssell 1; yellow clay 8; blue clay 60; blue clay 67; blue clay

Sandwich West Twp. LC Con IV	lot 1	R. MacDonald	Lucier Well Drilling		Sep. 22, 1961	4	12	20	15	Fresh	D	Topsoil 3; yellow sand 5; red clay 17; blue clay 98; clay sand 106; soft grey rock 111. Water at 110.
LC Con IV	" 2	G. Dessaire	"		Jun. 15, 1960	4	20	25	10	"	D	Topsoil 2; red clay 20; blue clay 80; sand clay 103. Water at 103.
PC Con I	" 8	M. Hernandez & Sons			Nov. 27, 1960	4	10	9	4	Sulphur	D	Topsoil 1; yellow clay 8; blue clay 58; sand 60; sandstone limestone 65; limestone 80. Water from 64 to 65.
PC Con II	" 19	H. Girard	Lucier Well Drilling		May 29, 1963	4	3	75	1	"	D, S	Topsoil 2; red clay 20; blue clay 70; clay gravel sand 80; soft grey rock 98. Water at 97.
PC Con II	" 25	I. Mogyorod	"		Nov. 9, 1963	3	10	18	0	"	D, S	Topsoil 2; red clay 18; blue clay 40; sand 60; hardpan 70; soft grey rock 85. Water at 85.
PC Con II	" 36	J. Harth	"		Dec. 4, 1963	4	10	10	1	"	D, S	Topsoil 2; red clay 20; blue clay 90; fine gravel 97; soft grey rock 100. Water at 100.
PC Con IV	" 6	P. Stratik	"		Jun. 11, 1963	4	5	35	10	"	D, S	Topsoil 2; red clay 15; blue clay 70; clay gravel 84; soft grey rock 88. Water at 88.
PC Con IV	" 8	J. Aokley	S. Gilbert		Jul. 18, 1963	3	15	19	15	"	D, S	Blue clay 62; gravel 70; fine sand 82; soft grey limestone 84. Water at 84.
Tilbury North Twp. Con III	lot 20	L. Meredith & W. Taylor	D. Lecuyer		Oct. 3, 1961	4	3	95	6	Salty	D	Gravel pebbles 118; gravel sand 128; soapstone 130. Water at 124.
Con IV	" 10	D. McClounies	H. LeClaire		Apr. 18, 1961	4	5	30	15	Sulphur	D, S	Topsoil 2; hard blue clay 85; hardpan sand 116; sand gravel 121; hard grey limestone 128. Water from 116 to 121 and at 127.
Con IV	" 16	C. Warnock	S. H. Smith		Apr. 21, 1961	5	1	52	13	Fresh	D, S	Topsoil 2; hard brown clay 10; blue clay 119; hardpan 123; sand gravel 124. Water at 123.
Con IX	" 18	Tilbury School	M. J. Williams		May 5, 1961	3	7	142	10	Sulphur	N	Blue clay 130; gravel hardpan 135; soapstone 142. Water at 132.
Con IX	" 18	" Area	"		Jun. 30, 1961	3	7	160	10	"	N	Blue clay 130; hardpan gravel 135; soapstone 160. Water at 132.
Tilbury West Twp. Con V	lot 15	H. Rowson	H. LeClaire		Jul. 13, 1961	4	10		21	Sulphur	In	Topsoil 2; brown hardpan 15; blue clay 120; coarse sand gravel 125; hard grey limestone 135. Water from 120 to 125 and at 134.
Con VII	" 2	D. Bonneau	S. Gilbert		Sep. 18, 1961	3	9	22	20	"	D	Black soil 1; blue clay 110; blue clay gravel 115; coarse gravel 116; fine sand 117; soft grey limestone 119. Water at 115 and 119.
Con IX	" 7	G. Metz	M. J. Williams		Aug. 31, 1961	3	17	30	15	"	S	Blue clay 120; dark grey limestone 123. Water at 123.
Con X	" 7	A. Buckan	H. LeClaire		Aug. 13, 1962	4	3	15	9	"	D, S	Blue clay 114; stony gravel sand 120; dark grey limestone 122. Water from 114 to 120 and at 121.
Con XI	" 1	Staples Catholic School	M. J. Williams		Aug. 26, 1960	3	25	20	12	"	P	Blue clay 98; hardpan 103; grey limestone 110. Water at 110.
Con XI	" 1	"	H. LeClaire		Sep. 15, 1960	4	5	15	12	Fresh	P	Blue clay 97; coarse sand 102; grey shale 109. Water at 97.
Con XI	" 1	A. Tremblay	M. J. Williams		Jun. 21, 1963	3	17	101	8	Sulphur	D	Blue clay 97; hardpan 100; black shale 101. Water at 101.
Con XI	" 2	M. Foster	"		Apr. 3, 1961	3	25	22	12	"	D	Blue clay 99; grey shale 103. Water at 99.
Con XI	" 2	H. Deitrich	"		May 19, 1961	3	30	20	12	Fresh	D	Blue clay 101; grey limestone 102. Water at 102.
Con XI	" 5	P. Trenanier	"		Nov. 23, 1963	3	20	30	16	Sulphur	D	Blue clay 91; grey limestone 95. Water at 95.
Con XI	" 9	E. Goslin	"		Apr. 22, 1960	3	10	31	21	"	D, S	Clay 105; hardpan 110; grey limestone 119. Water at 119.
Con XI	" 15	D. Whitthal	S. H. Smith		Dec. 15, 1960	5	4	40	18	Fresh	D, S	Top sandy clay 4; blue clay 147; hardpan 154; loose limestone gravel. Water at 154.
MNS	" 9	H. Cranston	M. J. Williams		Jan. 27, 1961	4	17	40	28	Sulphur	S	Blue clay 128; gravel 129; grey limestone 153. Water at 128.
MNS	" 2	M. Gagnier	"		Dec. 15, 1962	3	30	30	12	"	S	Clay 125; hardpan 129; grey limestone 131. Water at 131.
MNS	" 5	Ont. Dept. Highways	"		Sep. 30, 1962	2	42		28	"	P	Blue clay 130; grey limestone 132. Water at 132.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - cont. Tilbury West Twp. -cont. MHS lot 15	J. Rowson	H. LeClaire	Nov.18,1963	4	7		15	Fresh	D,S	Topsoil 2;blue clay 117;sand 122;black shale 130;hard grey rock 139. Water at 117 and 135.
GREY COUNTY Artemesia Twp.										
Con IV lot 6	B. Irwin	Pratt Bros.	Feb.12,1962	4	4	112	111	Fresh	D,S	Old well 35;hardpan 134;gravel 135. Water at 135.
Con V " 9	T. Wade	G. Blakely	Jul.10,1963	4	7	99	98	"	D,S	Sand gravel 28;hardpan 155;gravel 126. Water at 126.
Con VII " 32	J. Porteous		Sep.16,1962	4	2	24	22	"	D,S	Yellow clay small stones 5;hardpan 161;limestone 30. Water at 25.
Con VIII " 29	R. Hawkins	Abercrombie & Jackson	Mar. 1,1961	6 1/2	7	32	30	"	D,S	Topsoil 21;brown clay stones 29;hard brown limestone 70;light brown limestone 85;medium brown limestone 100. Water from 90 to 100.
Con VIII " 34	W. Clark	Pratt Bros	May 24,1962	4	7	55	20	"	D.	Clay stones 30;sandy hardpan 69;brown rock 74;brown limestone 97. Water at 97.
Con IX " 20	F. Morrissey	M.S. Bellerby	Sep.1, 1960	4	1 1/2		24	"	D,S	Old well 16;sand gravel 100;loose limestone gravel. Water from 24 to 100.
Con IX " 27	F.W. McCarthy	Durham Drillers	Apr. 5,1963	4	18	50	40	"	D	Topsoil 4;gravel boulders 20;sandy clay 40;sand 45;white rock 108. Water at 100 and 106.
Con X " 26	C. Williams	Pratt Bros.	Sep.20,1962	4	5	68	48	"	D	Clay boulders 30;cream loose rock 46;white cream limestone 133. Water at 50 and 132.
Con X " 28	P.R.M.Dev.Ltd.	"	Jul.15,1960	4	6	75	23	"	D	Previously drilled 33;white limestone 120;blue limestone 136. Water at 127.
Con X " 28	C. Hogg	"	Jul.18,1961	4	6	29	21	"	D	Old well 20;cream limestone 48;brown shale 51 1/2. Water at 47.
Con XI " 17	G. Kuntz	"	Apr.30,1961	5	8	13	13	"	D,S	Brown clay 13;brown limestone 42. Water at 41.
Con XI " 20	D. Parker	A. Loucks	Dec.21,1962	4	8	45	35	"	D,S	Brown clay gravel boulders 34;grey limestone 64. Water from 58 to 64.
Con XI " 21	H.L. Hofmanns	"	May 13,1963	4	10	35	22	"	D,S	Red clay boulders 48;white limestone 77. Water from 65 to 77.
Con XI " 27	F. Metcalfe	Pratt Bros.	Aug.10,1960	4	5	38	38	Sulphur	D	Clay large boulders 50;brown shaly limestone 55;brown limestone 59. Water at 59.
Con XI " 27	G. Gout	"	Jul. 5,1962	4	5	63	58	Fresh	D	Clay boulders 38;red silt 65;brown limestone 70. Water at 70.
Con XI " 27	J.K. Clark	"	Jul.12,1962	4	7	26	24	"	D	Clay hardpan boulders 52;sandy rock 55;brown limestone 61. Water at 61.
Con XIII " 20	G. Mathewson	A. Loucks	May 15,1963	4	12	10	2	"	D	Gravel stones 13;limestone 44. Water at 40.
Con XIV " 22	H. Mercer	Durham Drillers	May 22,1962	4	7	60	57	"	D	White limestone 67. Water at 65.
Con XIV " 22	N.E. Lane	Abercrombie & Jackson	Mar.13,1963	6 1/2	4	60	59	"	D	Gravel stone 71;limestone 70;brown rock 80. Water at 80.
Con XIV " 22	G.R.Robertson	"	Mar.23,1963	6 1/2	4	51	25	"	D	Topsoil stone 61;limestone 60;brown rock 71. Water at 71.
Con XIV " 27	M. Leishman	M.S. Bellerby	Aug. 5,1963	4	8	45	41	"	D,S	Hard pink clay 5;white limestone 61. Water at 60.
Con XIV " 27	R. Ward	A. Loucks	Oct.24,1963	4	5	97	92	"	D	Gravel boulders 24;white limestone 122. Water from 110 to 122.
DRN Con I " 2	H.J. Durbury	Durham Drillers	May 10,1961	4	10	75	56	"	D	Topsoil 4;gravelly hardpan boulders 48;coarse sand gravel 95;hardpan 162;coarse sand gravel 178;gravel 181. Water at 178.
DRN Con I " 13	J. Whyte	"	Apr.29,1961	4	4	75	40	"	D,S	Topsoil 4;sand 40;sand gravel 70;fine sand 11;sand gravel 168;limestone 201. Water at 197.
DRN Con I " 26	J. Richie	Pratt Bros	Feb.22,1960	4	6	40	35	"	D,S	Old well 43;clay boulders 65;quicksand 66;clay hardpan 180;gravel. Water at 180.
DRN Con II " 21	H. Bect	"	Nov.21,1963	4	6	68	67	"	D,S	Gravel 18;hardpan 97;gravel 98. Water at 98.
DRN Con II " 22	Ont.Dept. of Public Works	D.S. Loughheed	Apr.18,1963	10	105	100	51	"	P	Topsoil 11;clay gravel silt 40;silt clay 62;boulders clay 150;limestone 168;grey limestone 380;white hard limestone 383. Water from 168 to 380.
DRN Con II " 78	R. Blakey	G. Blakey	Oct.22,1962	4	3	50	20	"	D,S	Fill 10;boulders clay 40;shale quicksand 70;brown clay 92;gravel sand 85;white limestone 114. Water at 88 and 92.
DRN Con III " 17	H. Tucker	Pratt Bros	Nov.21,1961	4	5	76	75	Sulphur	D,S	Old well 40;grey hardpan 162;white limestone 173. Water at 173.

J. Whyte	Durham Drillers	Apr. 5, 1962	4	4	60	30	Fresh	D	Topsoil 2; sand gravel stones 180; white limestone 204. Water from 180 to 204.
" 1	Pratt Bros.	May. 9, 1962	4	6	48	47	"	D	Gravel 6; sand 5; hardpan 175; gravel 176. Water at 174.
" 31	L. McDougall	Jan. 16, 1963	4	6	45	30	"	D, S	Sand gravel 25; blue clay 40; silt 130; hardpan 205; brown limestone 232. Water at 231.
" 423	M.S. Bellerby	Oct. 26, 1963	4	8	32	21	"	D, S	Old well 21; white limestone 80. Water from 75 to 80.
" 165	Pratt Bros.	Oct. 3, 1962	4	6	30	30	"	D, S	Clay hardpan boulders 55; gravel quicksand 130; brown limestone 134. Water at 134.
" 116	A. Loucks	Jun. 21, 1961	4	5	34	27	"	D	Stones brown clay 30; sort white limestone 64. Water from 45 to 64.
" 133	Durham Drillers	Mar. 19, 1963	4	30	16	8	"	P	Topsoil 4; gravel boulders 20; sand 35; sort grey rock 60; hard grey rock. Water at 35 and 55.
" 155	Pratt Bros.	Apr. 26, 1962	4	8	15	16	"	D, S	Gravel 15; sand 45; quicksand 95; grey hardpan 117; loose brown limestone 144. Water at 144.
" 190	R.H. Gadke	Jun. 15, 1961	4	6	20	14	"	D	Boulders hardpan 55; loose limestone 60; hard grey limestone 80. Water at 78.
" 150	Pratt Bros.	Aug. 27, 1960	4	5	30	27	"	D	Red clay 15; sandy hardpan 27; gravel sand 90; brown limestone 101. Water at 100.
" 190	P. Usmann	Oct. 10, 1962	4	6	31	30	"	D, S	Clay hardpan 75; loose brown limestone 88. Water at 88.
" 190	A. Baker	Jul. 22, 1963	4	12	28	18	"	D	Clay boulders 57; white limestone 64. Water at 64.
" 120	L. Betts	Nov. 14, 1963	4	5	65	34	"	D	Old well 20; stony sand clay 50; white limestone 90. Water from 80 to 90.
" 144	Pratt Bros.	Dec. 31, 1963	4	7	20	20	"	D, S	Sand 72; brown limestone 105. Water at 105.
" 150	E. Ostender	Mar. 1, 1961	4	5	80	80	"	D	Sand gravel 35; sand 25; hardpan 130; gravel. Water at 130.
" 150	C.P. Hallway	May 17, 1961	4	5	60	33	"	D	Stony clay 70; clay hardpan 129; brown limestone 180. Water from 160 to 180.
" 151	R. Sutter	May 26, 1961	4	5	31	31	"	D	Clay boulders 60; quicksand 61; hardpan 91; gravel. Water at 91.
" 151	R. Steel	Jun. 14, 1962	4	6	93	87	"	D	Gravel 35; sand 110; hardpan 160; white limestone 106. Water at 196.
" 159	M. Geasenbeek	Aug. 15, 1963	4	3	65	56	"	D, S	Previously drilled 130; silt sand gravel 166. Water from 130 to 166.
Bentick Twp.									
Con IV	B. Bender	Oct. 4, 1960	4	3 1/2	75	24	Sulphur	D, S	Sand stones 15; stones hardpan 25; hardpan 135; red clay 180; shale rock sand gravel clay 210; brown rock 220; dark grey rock 223. Water at 223.
Con IV	A. Schmidt	Aug. 20, 1963	4	20	30	23	Fresh	D, S	Open hole 25; clay fine gravel 31; grey rock 64. Water from 35 to 50.
Con V	Redford Bros.	Jul. 19, 1960	4	4	60	30	Sulphur	D, S	Sand stones clay 20; yellow sand 50; gravel sand 55; sand small stones 80; sand gravel 85; grey rock 114. Water at 114.
Con V	R. Kamlike	Jul. 14, 1962	4	8	15	10	Fresh	D	Topsoil 2; gravel stones 22; white limestone 70. Water from 60 to 70.
Con V	G. Hopkins	Aug. 26, 1963	4	15	40	35	"	D, S	Topsoil 2; gravel boulders 20; fine sand gravel stones 40; white limestone 90. Water at 90.
Con VI	W. Szlassy	Dec. 13, 1961	4	10	100	80	"	D, S	Topsoil 3; hardpan boulders 50; gravel 90; hardpan 140; white limestone 208. Water from 180 to 205.
Con IX	O. Unruh	Jun. 24, 1963	4	10	40	30	"	D, S	Open hole 45; hardpan 65; cemented gravel 82; hardpan clay 107; clay gravel 114; brown limestone 148. Water from 136 to 144.
Con XI	J. Copp	Mar. 28, 1961	4	10	55	45	"	D, S	Old well 46; sand gravel 90; brown limestone 134. Water at 130.
Con XI	R.J. Stroud	Nov. 22, 1962	4	5	20	10	"	D	Brown clay gravel boulders 60; brown limestone 80. Water from 70 to 80.
Con XIV	A. Loucks	May 21, 1960	4	12	8	8	"	D, S	Gravel clay 25; sand gravel 45; clay sand gravel 72; grey rock 75. Water at 75.
Con XIV	L.H. Weirmler								

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Bentinck Twp. - cont.										
Con XV lot 26	D. Gargill	L.H. Weirmer	May 10, 1960	4	4	20	10	Fresh	D, S	Stones clay 15; sand stones gravel 66; brown gray rock 73. Water at 73.
DRN Con I	G. Black	Durham Drillers	Mar. 23, 1962	4	15	45	30	Sulphur	P	Sand 20; boulders gravel 45; clay 80; sand gravel 110; clay 125; blue shale 136; blue shale rock 168. Water from 150 to 162.
DRN Con I	Farmers Allied Meat Ent.	"	Jul. 18, 1963	4	12		Flows	"	N	Topsoil 6; gravel 10; boulders 30; soft grey clay 40; hard stony grey clay 60; hard grey clay 80; sand clay 85; quicksand 87; gravel 96; brown shale 100. Water at 96 and 100.
DRN Con I	I. Reay	"	Nov. 1, 1961	4	10	60	55	Fresh	D, S	Old well 4; clay 90; sand gravel 100; clay stones 173; brown rock 215. Water at 210.
DRN Con II	J. Jones	"	Aug. 20, 1961	4	10	30	25	"	D, S	Topsoil 1; sand 40; brown clay 50; fine sand 115; brown clay 135; gravel coarse sand 152; fine sand 162; brown limestone 190; grey limestone 204. Water at 202.
DRN Con II	D. Reay	"	Oct. 18, 1963	4	17	20	12	"	D, S	Old well 28; clay 40; sand 50; clay hardpan 67; hard rock 69; coarse gravel 70. Water at 69.
DRN Con III	E. Weppier	"	Nov. 24, 1961	4	18	20	14	"	D, S	Old well 15; sand 28; gravel 50; hard gravel 115; grey limestone 135. Water at 125 and 130.
DRN Con III	R. Hoopner	"	Nov. 7, 1963	4	5	55	45	"	D, S	Old well 40; clay 65; sand 110; cemented gravel 122; grey rock 150. Water at 140.
DRN Con III	E. Reay	"	Jan. 18, 1963	4	10	100	50	"	D, S	Old well 22; sand boulders 35; yellow sand 100; sandy clay 110; sand 140; fine gravel 145; sand 149; white rock 210; brown shale 232. Water at 150, 200 and 225.
DRN Con III	W. Harris	"	Jun. 26, 1963	4	15	40	38	"	D, S	Old well 40; sand 45; gravel 55; brown limestone 88. Water from 80 to 85.
DRS Con I	L. Carmount	"	Jul. 18, 1962	4	15	45	35	"	D	Topsoil 1; sand 15; gravel 30; clay 95; gravel 104; brown limestone 107. Water at 105.
DRS Con I	L. Young	Pratt Bros.	May 25, 1960	4	6	59	57	Sulphur	D	Clay boulders 50; blue clay 155; clay hardpan 133; gravel 144. *
DRS Con I	C. Lynn	"	Nov. 6, 1963	4	7	39	38	Fresh	D	Clay boulders 30; sand 89; blue clay 152; blue horizon 171; white limestone 200. Water at 200.
DRS Con I	C. Trafford	Durham Drillers	Apr. 15, 1961	4	10	55	45	"	D, S	Topsoil 4; hardpan boulders 45; marl 70; gravelly hardpan 92; blue rock 140; white limestone 146. Water at 140.
DRS Con I	Saugeen Valley Sportsman's Club	Pratt Bros	Jun. 27, 1961	4	6	45	43	"	P	Sand 50; clay 110; shale 132. Water at 131.
DRS Con II	E. White	Durham Drillers	Apr. 6, 1960	4	8	80	59	Fresh	D	Topsoil 4; horizon boulders 62; blue clay 80; sand 85; gravel 87; clay stones 105; coarse sand gravel 125; grey limestone 180. Water from 140 to 175.
DRS Con III	Meyers Turkey Farms Ltd.	"	Oct. 12, 1962	5	25	15	12	"	D, S	Topsoil 4; grey clay 20; sand 30; gravel 40; grey clay 90; brown shale 100. Water at 90 and 95.
GRW Con I	D. Harrison	Pratt Bros.	Aug. 21, 1963	4	7	29	28	Sulphur	D	Sand 51; brown limestone 59. Water at 59.
GRW Con I	P. Keller	Durham Drillers	Mar. 23, 1961	4	10	40	32	Fresh	D, S	Hardpan boulders 35; brown rock 39; brown limestone 92. Water at 89.
GRW Con I	W. Main	"	May 10, 1962	4	20	40	20	"	D	Topsoil 2; hardpan boulders 45; white limestone 92. Water at 80.
GRW Con I	J.A. McLaughlin	"	Oct. 9, 1962	4	20	40	30	"	D, S	Topsoil 6; boulders 24; sand gravel 50; gravelly boulders 60; blue clay boulders 75; grey clay 90; brown rock 114. Water at 95 and 110.
GRW Con I	A. Noble	Pratt Bros	Dec. 18, 1962	4	6	26	18	"	D, S	Gravel 43; sand 45; white limestone 87. Water at 87.
GRW Con I	A.L. Lorenz	Durham Drillers	May 17, 1961	4	10	12	9	"	D	Topsoil 1; sand gravel 45; horizon 59; grey limestone 95. Water at 81.
GRW Con II	I. Hunter	Pratt Bros	Dec. 10, 1962	4	7	23	22	"	D, S	Hardpan boulders 40; clay horizon 114; grey limestone 122. Water at 121.
GRW Con II	C. Bowbothane	"	Oct. 25, 1963	4	7	55	46	"	D, S	Clay boulders 102; outcrop and 103; brown limestone 139. Water at 139.

Loc.	Driller	Date	6	65	55	Fresh	D,S	Notes
Grey County - cont. Brettinck Twp. - cont. GRW Con II	G. Miller	Dec. 29, 1962	4	6	55	"	D,S	Clay stones 6; hardpan boulders 77; brown limestone 100. Water at 100.
GRW Con II	P. Knickmann	Oct. 16, 1963	4	10	45	"	D	Topsoil 2; hardpan boulders 25; sand gravel 30; clay 80; gravel 87; grey rock 91. Water at 88.
GRW Con II	V. Watt	Dec. 16, 1961	4	20	25	"	D	Topsoil 1; gravel stones 30; boulders 40; gravel sand 64; grey hard rock 100. Water at 95.
GRW Con III	P. Twamley	Oct. 10, 1961	4	5	60	"	D	Topsoil 3; clay boulders 40; gravel 43; hardpan 78; clay stones 121; brown limestone 148. Water at 145.
GRW Con III	H. Grierson	Mar. 16, 1961	4	15	42	"	D,S	Topsoil 1; hardpan stones 25; gravel 32; sand 45; gravel coarse sand 56; gravel 72; clay stones 90; gravel 121; grey rock 147. Water at 140.
GRW Con III	B. Chapman	Mar. 15, 1962	4	15	70	"	D,S	Topsoil 2; hardpan stones 70; gravel sand 90; clay 110; gravel 120; clay 136; grey limestone 167. Water from 150 to 160.
GRW Con III	H. Berdel	Sep. 30, 1961	4	5	17	"	D	Stony clay 43; cluck sand 44; white limestone 64. Water at 64.
GRW Con III	R. Davis	Mar. 21, 1963	4	6	40	"	D,S	Clay hardpan 82; white limestone 97. Water at 97.
GRW Con III	R. McFavish	Mar. 30, 1963	4	20	24	"	D	Topsoil 2; boulders gravel 20; hard white limestone 65; brown limestone 84. Water at 78 and 82.
GRW Con III	K. Lee	Apr. 21, 1960	4	10	60	"	D	Topsoil 2; hardpan boulders 27; gravel 29; gravelly hardpan 54; gravel 61; sandstone 95; limestone 116. Water at 110.
GRW Con III	G. Manery	Jul. 18, 1961	4	15	26	"	C	Gravel 30; clay 51; gravel 59; grey limestone 95. Water at 90.
GRW Con III	B. Doney	Jun. 21, 1962	4	18	28	"	D,S	Old well 30; soft grey clay 40; strong grey clay 60; grey sand 75; sand gravel 85; gravel 90. Water at 90.
Chatsworth Vlg. Chatsworth	E. Murray	Aug. 30, 1960	4	10	50	Fresh	D	Topsoil 3; gravel stones 20; hardpan boulders 40; shaly limestone 42; grey limestone 72. Water at 72.
Chatsworth	J. Taylor	Sep. 3, 1960	4	10	20	"	P	Previously drilled 28; limestone 78. Water at 78.
Chatsworth	M.S. Bellerby	May 15, 1961	5	1	10	"	D	Sand gravel 20; loose rock 24; yellow limestone 45. Water from 34 to 44.
Chatsworth	A. Louks	May 19, 1962	4	5	25	"	D	Sand gravel 34; brown limestone 65. Water from 55 to 65.
Chatsworth	A. Cameron	May 24, 1962	4	10	20	"	D	Sand gravel 26; broken limestone 40; brown limestone 53.
Chatsworth	G. Kidd	Oct. 3, 1963	4	10	18	"	D	Water from 45 to 53. Brown clay stones 19; limestone 40.
Collingwood Twp. - cont. Con I	C.H. Tawaastjerna	Nov. 10, 1963	4	4	17	Salty	N	Brown clay 6; hardpan 65; limestone 73. Water at 60.
Con I	C. Paire	Jun. 20, 1963	4	10	6	Fresh	D	Clay sand 15; rock 27. Water at 27.
Con I	P. Wright & Son	May 27, 1960	4	3	40	"	D	Topsoil 1; clay stones 17; shale 22; limestone 40.
Con I	A. Crombie & Beckson	Feb. 6, 1961	4	4	8	"	D	Sand 19; light grey rock 41. Dry hole.
Con I	C. Bartley	Nov. 18, 1961	4	2	10	Fresh	D	Fine sand 17; limestone 38. Water at 35.
Con I	R. Nimm	May 15, 1962	4	3	11	"	D	Brown sand 8; limestone 40. Water at 39.
Con I	E.P. Pocock	Jun. 7, 1962	4	2	78	"	D	Fine sand 26; medium gravel 28. Water at 26.
Con I	J. Tote	Jul. 12, 1962	4	14	56	"	D	Fine sand 15; blue clay boulders 35; limestone 60. Water at 20 and 56.
Con I	G. Moore	Oct. 24, 1962	4	12	32	"	P	Sand 15; blue clay small stones 23; limestone 40. Water at 34.
Con I	R.J. Haslop	Apr. 27, 1963	4	4	21	"	D	Rocky topsoil 1; sand brown clay stones 5; brown clay boulder 19; shale 20; dark limestone 28.
Con I	C. Beam	Jun. 26, 1963	4	20	45	"	D	Clay sand 15; rock 45. Water at 45.
Con II	H. Quinn	Aug. 6, 1963	4	1	36	"	D	Sand 15; rock 36. Water at 36.
Con II	K. Allskenes	Aug. 24, 1963	4	5	50	"	D	Clay 10; shale 50. Water at 50.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Collingswood Twp. - cont.										
Con II	M. McMurray	R. Nimmo	Oct. 1962	4						Topsoil 3; grey limestone 150. Dry hole.
Con II	"	Abercrombie & Jackson	Nov. 4, 1962	4	5	18	15	Fresh	D	Topsoil 3; grey limestone 33. Water at 30.
Con II	W.W. Allan	"	Oct. 20, 1960	8 1/2	4 1/2	40	40	Salty	D	Brown shale 7; brown rock 26; grey rock 124. Water from 94 to 124.
Con II	M. Weldon	C. Bartley	Oct. 4, 1961	4	2	12	4	Fresh	D	Fine sand 6; grey limestone 36. Water at 32.
Con III	W.B. Loft	"	Apr. 17, 1963	4	4					Red clay stones 12; limestone 37; red clay 60. Dry hole.
Con III	T. Peck	F. Wright & Son	May 30, 1960	4	4	7	5	Fresh	D	Clay stones 8; limestone 34. Water at 34.
Con III	J.A. Vallilillee	C. Bartley	May 19, 1960	5	2	31	23	Sulphur	D	Black shale 9; hard limestone 31. Water at 28.
Con IV	I. Graham	Abercrombie & Jackson	Oct. 28, 1960	4	1	15	12	Fresh	D, S	Topsoil 1; clay stone 18; hardstone 24; coarse sand 22. Water from 21 to 22.
Con IV	D. Higginbotham	"	Nov. 12, 1960	6 1/2	2	5		Sulphur	D	Brown shale 3; light brown rock 35; brown rock 38. Water from 35 to 38.
Con IV	F.E. Lane	"	Oct. 6, 1961	6 1/2	9	10	8	"	D	Fill rock 4; brown rock 7; light brown rock 21. Water from 20 to 21.
Con IV	W.H. Pigeon	"	Dec. 15, 1961	6 1/2	2	35	1	"	D	Overburden 3; brown limestone 44. Water from 42 to 44.
Con IV	V.S. Allen	"	Jul. 8, 1962	6 1/2	3	18	7	"	D	Fine sand 11; shale 24. Water at 24.
Con V	Georgian Peaks	"	Oct. 7, 1960	6 1/2				"		Red brown clay 15; dark blue shale 35; dark brown shale 40; rock 45; light grey limestone 200; blue rock 287. Dry hole.
Con V	K. Jirgens	C. Bartley	Sep. 15, 1961	4	1 1/2	35	5	"	D	Brown clay 4; grey limestone 36. Water at 35.
Con VII	J. Day	R. Nimmo	May 16, 1961	4	8	8		Fresh	D, S	Rocky overburden 8; white limestone 50. Water at 42.
Con VIII	A. Dolson	Abercrombie & Jackson	Mar. 23, 1962	4	2	45	39	"	D	Brown dirt 5; gravel flat stones 20; rock 4; limestone 74. Water from 70 to 74.
Con X	I. Fawcett	"	Aug. 13, 1960	4	3	55	42	"	D	Topsoil 1; clay stones 20; gravel 24; red clay 64; gravel 65. Water at 64.
Con X	Meaford	"	Nov. 20, 1962	4	4	20	15	"	In	Gravel stones 20; grey clay hardpan 40; fine gravel 41. Water at 41.
Con X	R. Smith	A. Loucks	Oct. 15, 1963	5	10	40	22	"	L	Topsoil 4; hardpan 72; gravel 76. Water from 72 to 76.
Con X	Rev. L.E. West	C. Bartley	Jan. 27, 1960	4 1/2	2	26	15	"	D	Topsoil 2; yellow clay 14; blue clay 26; coarse sand 33; small gravel 44. Water at 39.
Con X	G.H. Mitchell	R. Nimmo	Jun. 15, 1960	4						Brown clay 30; mudsands 33; grey clay 63; large boulder. Dry hole.
Con X	S. Kerr	Abercrombie & Jackson	Aug. 16, 1960	4	8	13	11	Fresh	D	Topsoil 2; clay boulders 20; gravel 22. Water from 21 to 22.
Con X	E. Wilson	"	Aug. 23, 1960	4	4	45	38	"	D	Clay stones 48; gravel 50. Water from 49 to 50.
Con X	A. Heron	"	Nov. 23, 1960	4	10	12	10	"	D	Old well 12; yellow sand stones 27; coarse sand 29. Water at 29.
Con X	C. Abercrombie	"	Apr. 19, 1961	6 1/2	10	14	12	"	D	Clay stones 23; gravel clay 28; clay sand 34; gravel 36. Water at 36.
Con X	Y. Asenovich	"	Apr. 20, 1961	4	6	12	10	"	D	Clay stones 14; gravel 25. Water at 25.
Con X	G. Freistilly	"	Oct. 30, 1961	4	5	14	14	"	D	Clay stones 2; sand clay 15; sand gravel 25. Water from 22 to 25.
Con X	Abercrombie & Jackson	"	Jul. 29, 1962	6 1/2	4	50	40	"	D	Fine gravel 10; brown clay 60; sand gravel 67. Water from 60 to 67.
Con X	C. Rheaston	"	Sep. 18, 1962	6 1/2	5	30	25	"	D	Gravel stone 15; grey clay hardpan 48; gravel. Water at 48.
Con X	A. Fawcett	A. Loucks	Oct. 8, 1963	4	5	15	9	"	D	Old well 10; gravelly hardpan 25; gravel 31. Water from 25 to 31.
Con XI	S. Dinsmore	Abercrombie & Jackson	Sep. 17, 1960	4	7	85	39	"	D, S	Red brown clay 15; brown clay stones 42; gravel 42; gravel clay 52; blue shale 105. Water from 90 to 105.
Con XI	G.C. South	"	Jul. 6, 1962	6 1/2	10	25	15	"	D	Stone dirt 8; grey hardpan 30; fine mudsands 78; fine gravel 80. Water at 80.
Con XI	M. Kousal	"	Nov. 14, 1962	6 1/2	6	125	100	"	D	Brown soil stones 25; grey clay hardpan 125; fine sand grey clay 168; fine gravel 169. Water at 168.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Darby Twp. - cont.										
Con IV lot 13	A. Whinfield	R.&S. Wright	May 4, 1963	4	5	50	10	Fresh	D	Topsoil stones 4; grey limestone 65; blue limestone 81. Water at 80.
Con IV	D. Reach	D. Wright & Sons	Jul. 2, 1963	5	8	50	8	"	D	Loose limestone 20; hard white limestone 82. Water from 40 to 75.
Con IV	T. Stewart	"	Sep. 22, 1961	4	12	20	12	"	D, S	Previously drilled 45; hard blue limestone 100; blue shale 105. red shale 121. Water at 100.
Con V	T. Vokes	R. & S. Wright	Dec. 3, 1960	4	5	114	52	"	S	Topsoil 4; gravel stony 20; big boulders harden 44; grey limestone 85; blue limestone 112; light grey limestone 138. Water at 90 and 138.
Con V	R. Byers	D. Wright & Sons	Jul. 6, 1960	4	5	95	20	"	D	Clay gravel 8; limestone 95; blue shale 90; red shale 110. Water at 60.
Con VI	N. Brown	"	Aug. 13, 1963	6	5	80	60	"	D, S	Previously drilled 100; hard limestone 145; blue shale 190; red shale 202. Water at 185.
Con VII	K. Barfoot	"	Jun. 16, 1961	6	10	18	8	"	D	Gravel boulder 15; bedrock brown limestone 56. Water at 50.
Con VIII	W. Cameron	"	Jul. 14, 1962	4	12	100	13	"	D, C	Clay gravel boulders 28; limestone 100. Water from 40 to 100.
Con VIII	E. Fleming	R. & S. Wright	Sep. 27, 1962	5	3	75	20	"	D, S	Brown sandy soil 15; grey sand stones 46; grey clay 44; brown limestone 80. Water at 60.
Con IX	D. Charlton	"	Jun. 13, 1961	4	10	20	20	"	D	Topsoil 4; grey limestone 37; blue limestone 74. Water at 70 and 74.
Con X	L. Webb	"	Apr. 25, 1963	5	10	50	31	"	D, S	Old well 25; sandy clay 114; brown limestone 287. Water at 284.
Con X	H. Beumber	L. & A. Wright	Apr. 26, 1963	5	10	74	24	"	D	Clay stones 11; brown rock 55; white limestone 74. Water at 50.
Con XI	E.C. King	D. Wright & Sons	Aug. 2, 1962	5	100	15	15	"	In	Boulders gravel 12; sand 18; clay 30; gravel 65; brown bedrock 200; blue hard limestone 270. Water at 80, 160 and 267.
Con XI	H. Kennedy	R. & S. Wright	Oct. 29, 1962	5	10	24	23	"	D, S	Old well 25; brown sand 63; fine gravel 66; quicksand 70; sand 93; white limestone 126. Water at 120.
Con XII	H. Munson	"	May 9, 1963	5	30	35	11	"	D, S	Dark sandy soil 6; sandy brown gravel 27; brown limestone 36; fine sand 38; grey limestone. Water at 38.
IS	M.&M. Clark	"	Aug. 15, 1960	4	6	85	6	"	D	Topsoil 5; clay stones 35; grey clay 47; grey limestone 70; blue limestone 102. Water at 102.
IS	A. Doubt	"	Oct. 25, 1962	5	45	110	24	"	D	Topsoil 8; clay 25; sand stones 45; sandy clay 60; fine sand 75; hard clay stones 86; blue limestone 107; grey limestone 113. Water at 110.
IS	J.R. Sheppard	"	Jun. 3, 1963	5	8	80	5	"	D	Sandy soil 6; gravel stones 25; grey clay 28; brown limestone 48; grey limestone 73; white limestone 114. Water at 50 and 105.
IS	J. Riley	D. Wright & Sons	Jul. 29, 1961	4	10	25	7	"	D	Clay boulders 8; grey brown limestone 62. Water at 57.
IS	D.R. Speir	A. Loucks	Apr. 24, 1963	4	10	12	12	"	D, S	Old well 12; limestone 37. Water at 36.
IS	N. Derry	L. & A. Wright	Jul. 28, 1960	5	12	105	15	"	D	Soil stones 10; limestone 105. Water at 100.
Dundalk Vlg.	Vlg. Dundalk	G.L. Davidson	Apr. 5, 1960	10	118	95	21	Fresh	P	Sand 8; gravel harden 14; harden 66; sandy gravel 103; grey hard limestone 118; grey brown hard limestone 102; light brown hard limestone 172; dark brown medium limestone 201. Water at 126, 168 and 200.
Dundalk Vlg.	"	"	May 5, 1960	10	45	153	23	"	P	Fill 2; sand gravel 12; stony harden 54; sand clay 62; sand gravel 96; light brown hard limestone 107; buff hard limestone 552; hard brown limestone 195; white hard limestone 206; light brown hard limestone 218; hard buff limestone 206; hard brown limestone 248; dark brown medium hard limestone 273. Water at 104, 195, 228 and 246.

Agreement	lot 17	A. Flemington	R.H. Gadke	Oct. 19, 1961	4	8	40	40	Fresh	D.S	Stone soil 2; hardpan 42; sand 50; gravel 65; limestone gravel 80; sand 84; brown limestone 144. Water at 144.
Con V	" 4	W.D. Iles	Hedco Well Digging	Aug. 15, 1961	30	4	39	30	"	D.S	Topsoil 1; sand gravel 13; brown fine sand 30; coarse sand fine gravel 32; fine sand 40. Water from 30 to 32.
Con IX	" 5	S.S.# 6	Durham Drillers	Oct. 28, 1960	4	3	100	22	"	P	Brown clay 13; clay stones 45; medium sand 68; hardpan 75; fine sand 155; grey limestone 219. Water from 200 to 219.
Con X	" 7	H. Foertsch	Hedco Well Digging	Sep. 21, 1963	30	3	29	25	"	D	Topsoil 5; brown clay 12; brown sand 28; grey clay rock 30. Water at 25.
Con X	" 20	B. Iginski	G.L. Davidson	Jun. 4, 1960	4	8	75	58	"	D.S	Sand gravel 4; stony clay 28; sand 90; stony hardpan 102; sand 128; gravel 134. Water at 134.
Con XI	" A	P. Dillon	"	Feb. 16, 1960	4	12	36	23	"	D.S	Gravel 20; clay 4; sand 60; hardpan 160; blue shale 173; hard blue rock 190; brown limestone 207. Water at 207.
Con XII	" 20	K. McClure	"	Jan. 8, 1960	4	15	36	27	"	D.S	Sand gravel 50; loose shale 70; brown limestone 109. Water at 109.
Con XIII	" 2	J. Nicholson	Pratt Bros.	Sep. 2, 1961	4	6	18	12	"	D.S	Stony gravel 12; sand 44; sandy hardpan 90; gravel 92. Water at 92.
Con XIV	" 5	B.K. Padgett	"	Aug. 7, 1963	4	8	4	3	"	D.S	Sand 42; hardpan 114; gravel. Water at 114.
Con XV	" 21	M. Hopkins	"	Jun. 15, 1961	4	4	90	7	"	D.S	Red clay 20; blue clay 50; hardpan 62; brown limestone 80; white limestone 194. Water at 82 and 178.
Con XX	" 16	R. Tucker	"	Nov. 30, 1962	4	6	31	30	"	D	Old well 24; grey hardpan 133; gravel 133. Water at 133;
Con XXII	" 4	B. Harrison	"	May 27, 1963	4	7	35	34	"	D	Gravel 30; sand 62; hardpan 63; gravel 64. Water at 64.
Con XXII	" 8	R. Morrison	"	Jun. 3, 1963	4	6	53	51	"	D	Old well sand 78; hardpan 81; gravel 82. Water at 82.
Con XXII	" 25	C. Kinsman	"	Mar. 27, 1962	4	6	22	21	"	D.S	Old well 23; clay hardpan 80; hardpan boulders 90; hardpan 101; gravel 102. Water at 102.
GRE Con I	" 1	K. Dickson	Durham Drillers	Jun. 19, 1962	4	20	25	15	"	D.S	Boulders 20; sandy clay 40; fine gravel 55; grey rock 67. Water at 63.
GRE Con I	" 3	A. Lee	Pratt Bros.	May 6, 1960	4	6	30	15	"	D	Clay boulders 14; white limestone 50; blue limestone 130; grey limestone 138. Water at 136.
GRE Con I	" 6	J. Walton	Durham Drillers	Mar. 23, 1963	4	15	20	14	"	D.S	Boulder clay 8; sand 48; hardpan 61; fine sand 77; coarse sand gravel 80. Water from 61 to 80.
GRE Con I	" 8	L. Tolhurst	Pratt Bros.	Sep. 22, 1961	4	6	110	55	"	D.S	Sandy clay stones 60; fine sand gravel 100; dark blue hardpan 160; blue limestone 208. Water at 170 and 198.
GRE Con I	" 9	B. Elliott	G.L. Davidson	May 26, 1960	4	8	80	62	"	D	Old well 8; sandy stones 45; clay 51; sand 96; sand stones 155; stony hardpan 164; sand 178; brown shale 182; grey limestone 220. Water at 220.
GRE Con I	" 32	A. Campbell	E.A. Keeso	Mar. 1, 1961	4	14	34	32	"	D.S	Clay stones 32; sandy clay 55; brown sand 84; gravel sand 118; shale 126; white limestone 160. Water at 160.
GRE Con II	" 8	W. Struus	Pratt Bros.	Mar. 14, 1963	4	6	45	35	"	D.S	Clay boulders 42; grey hardpan 94; brown limestone 124; white limestone 196. Water from 105 to 196.
GRE Con II	" 20	A. Wirhus	"	Dec. 13, 1961	4	5	66	48	"	D.S	Old well 24; sandy hardpan 83; cream coloured limestone 95. Water at 93.
GRE Con II	" 35	L. Orchard	G.L. Davidson	Aug. 24, 1960	4	10	78	45	"	D	Fill 4; sand gravel stones 8; stony hardpan 34; sand gravel 52; stony clay boulders 78; sand stones 128; sand 152; stony clay 178; blue clay shale 188; hard grey rock 194; hard brown rock 198; hard blue rock 209; hard white rock 215. Water at 215.
GRE Con II	" 39	W. Adams	Durham Drillers	Oct. 19, 1960	4	8	60	45	"	D	Stony hardpan 135; clay stone 182; shale gravel 196; gravel 200. Water from 196 to 200.
GRE Con II	" 41	C. Irvin	"	Oct. 8, 1960	4	10	60	56	"	D	Hardpan boulders 40; grey clay 70; gravel sand 118; hardpan 160; clay stones 192; gravel 208; gravel 210. Water at 210.
GRE Con II	" 46	J. Plume	"	Mar. 4, 1961	4	18	25	17	"	D.S	Old well 30; grey clay 60; hardpan 68; coarse sand gravel 78; clay stones 102; sand gravel 120; sand 160; clay sand 175; sand 184; gravel 192; grey rock 196. Water at 191.
GRE Con II	" 57	H. Holiday	R.H. Gadke	Apr. 14, 1962	4	10	40	35	"	D.S	Old well 41; sand 100; gravel hardpan 150; sand boulders 211; brown limestone 222; black white limestone 224. Water from 222 to 224.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont.										
Ehrenson Twp. - GRE Con III lot 32	W.J. Stevenson	G.L. Davidson	Apr. 26, 1962	4	10	50	45	Fresh	D, S	Topsoil 1; hardpan sand boulders 38; muck sand 48; hardpan 145; grey rock 153; light brown soft rock 199; light brown hard rock, water at 198.
GRE Con III "	E. Hunt	"	Jan. 14, 1960	4	7	56	41	"	D, S	Gravel 30; hardpan 108; sandy gravel 173; clay 220; shale 225; brown limestone 252. Water at 252.
GRE Con III "	E. Rawn	"	Jan. 27, 1960	4	7	55	40	"	D, S	Gravel 30; stony hardpan 50; sand 72; hardpan 94; gravel sand 130; hardpan 136; coarse gravel 140. Water at 140.
GRW Con II "	J. Farrell	Durham Drillers	Oct. 3, 1961	4	3	80	50	"	D, S	Old well 55; coarse sand gravel 72; brown clay 95; coarse sand 112; coarse sand gravel 130; fine brown sand 242; coarse sand gravel 251; grey limestone 270. Water at 267.
GRW Con III "	W. Dowling	"	Jun. 24, 1961	4	6	85	53	"	D, S	Hardpan gravel 50; sand 140; sand gravel 170; sand 221; gravel 225. Water at 225.
Euphrasia Twp.										
Con I lot 27	J.G. Irwin	Abercrombie & Jackson	Oct. 24, 1961	4	7	15	10	Fresh	D, S	Brown clay 40; blue shale 53. Water from 50 to 53.
Con II "	L. Woodhouse	C. Bartley	Jan. 30, 1961	4 1/2	5	35	12	Salty	S	Topsoil 2; yellow clay 19; fine sand 14; blue clay 64; red clay 72; fine gravel 75. Water at 72.
Con III "	C. Smart	Abercrombie & Jackson	Jun. 30, 1960	4	3	135	88	Fresh	D, S	Topsoil 1; clay boulders 30; clay 40; gravel 41; clay 46; mud 49; clay crones 59; hard brown limestone 94; blue shale 100; brown shale 112; blue shale 144. Water from 112 to 144.
Con IV "	T. Ferguson	"	Jul. 5, 1960	4	4	30	25	"	D, S	Topsoil 1; stones 15; red clay 70; clay gravel 71; coarse sand 72. Water from 71 to 72.
Con IV "	K. Cornfield	"	Oct. 1, 1962	6						Brown topsoil 22; grey limestone 60; blue clay 73; red clay 95. Dry hole.
Con IV "	"	"	Oct. 16, 1962	6						Brown topsoil 20; grey limestone 65; blue clay 75; red clay 95; brown clay 140; brown rock 200. Dry hole.
Con IV lot 30	"		Oct. 21, 1962	6 1/2	2	70	22	Fresh	D, S	Clay stone 15; limestone 65; blue clay 75. Water at 75.
Con V " 1	Hydro Ski Chariet	D. Wright & Sons	Feb. 20, 1963	5	10	110	80	Salty	D, S	Clay gravel sand boulders 200; blue shale 320. Water from 260 to 300.
Con V " 3	D. Morrison	Abercrombie & Jackson	Sep. 8, 1961	6	7	8		Fresh	D, S	Brown clay stones 200; clay sand 210; muck sand 348; fine gravel coarse sand 360; fine gravel 361. Water at 348 and 361.
Con V " 7	E. Curtis	"	May 30, 1962	4	1 1/2			Salty	N	Old well 1; sandy grey clay 26; brown clay 150; fine grey quicksand 190; fine gravel sand 220; grey clay 225; fine sand clay 230; grey clay hardpan 250. Water at 250.
Con VI "	L. Sewell	D.S. Loughheed	Nov. 5, 1962	7	3	35	4	Fresh	D, S	Cement tiles 4; limestone 35. Water at 35.
Con VI " 29	"	"	Nov. 11, 1962	7	1	80	12	"	D, S	Topsoil 1; clay gravel 15; limestone 40; red shale 90. Water at 90.
Con VII "	M. Wiley	M.S. Bellerby	Nov. 23, 1963	4	5	28	20	"	D, S	Gravel sandy clay 30; white limestone 51. Water at 50.
Con VIII "	B. Wilson	Durham Drillers	May 29, 1962	4	15	50	40	"	D, S	Soft grey clay 25; stony grey clay 53; brown rock 69. Water at 65.
Con VIII "	"	"	Jun. 1, 1962	4	15	40	30	"	S	Grey clay 25; grey stony clay 40; brown clay 52; brown rock 54. Water at 50.
Con VIII "	E. Boyd	Abercrombie & Jackson	Aug. 29, 1960	6 1/2	6	45	18	"	D, S	Topsoil 2; brown shale 6; hard brown rock 42; brown rock 50. Water from 42 to 50.
Con X "	R. Jackson	A. Loucks	Oct. 5, 1962	6	2	70	40	"	D, S	Fill gravel 12; hard limestone 106. Water from 45 to 95.
Con X " 28	J. Sparling	R.&S. Wright	Aug. 30, 1963	5	22	170	22	"	D, S	Brown sandy soil stones 15; blue limestone 100; blue shale 108; red shale 120. Water at 37.
Con VI "	M. Rennie	A. Loucks	Aug. 18, 1962	6						Topsoil 8; limestone 115; red blue clay 145. Dry hole.
Con XI " 30	"	"	Aug. 24, 1962	8						Topsoil 8; limestone 103. Dry hole.
Con XI " 30	"	"	Sep. 1, 1962	8						Topsoil 12; limestone 100. Water from 70 to 100.
Con XI " 43	H. Rimmer	M.S. Bellerby	Apr. 15, 1963	4	1	100	45	Fresh	D, S	Sandy stones clay 67; hardpan gravel loose rock 89. Water from 80 to 89.

Walters Falls Fair Board	Abercrombie & Jackson	Sep. 2, 1960	4	9	13	13	Fresh	P	Tobacco 1; clay boulders 18; hard limestone 24. Water from 23 to 26.
Fleasherton Vlg.	G. McViegh & G. Banks	Mar. 2, 1960	4	6	30	24	Fresh	P	Fine gravel sand hard stones 88; grey limestone 153. Water at 120.
Fleasherton "	" Jackson	Apr. 5, 1960	4	6	11	10	"	D	Old well 20; fine gravel sand 60; brown stony hardpan 110; coarse sand 117; grey limestone 165. Water at 165.
Fleasherton "	F. Thurston	Apr. 21, 1960	4	5	6	Flows	"	D	Clay large boulders 80; brown limestone 145. Water at 143.
Fleasherton "	C. Littlejohns	May 2, 1960	4	10	10	10	"	D	Loam 3; gravel clay stones 60; brown stony clay hardpan 80; sand quicksand 110; limestone 154. Water at 150.
Fleasherton "	Pratt Bros.	Sep. 21, 1960	4	5	30	20	"	D	Stony hardpan 18; sand gravel 48; hardpan 70; gravel 82; sand 112; brown limestone 151. Water at 145.
Fleasherton "	Durham Drillers	Sep. 23, 1960	4	5	26	26	"	D	Gravel boulders 50; quicksand 115; silt gravel 128; loose brown limestone 133; brown limestone 145. Water at 145.
Fleasherton "	Pratt Bros.	Oct. 4, 1960	5	6	26	26	"	D	Clay boulders 50; sandy hardpan 56; gravel 57. Water at 57.
Fleasherton "	J. A. Hutchinson	Nov. 11, 1961	4	6	27	25	"	D	Fine gravel 14; sand gravel 62; hardpan 64; gravel. Water at 65.
Fleasherton "	F. Duncan	Mar. 17, 1962	4	6	17	17	"	D	Gravel 40; sand 4; clay 67; hardpan 69. Water at 69.
Fleasherton "	D. McLean	Jul. 31, 1962	4	6	12	9	"	D	Old dug well 11; blue clay boulders 75; brown loose rock 78; solid brown rock 81. Water at 81.
Fleasherton "	R. Cesar	Oct. 16, 1962	4	6	23	19	"	D	Rough gravel stones 15; clay hardpan 58; gravel 59. Water at 59.
Fleasherton "	K. Routledge	Apr. 29, 1963	4	6	55	45	"	D	Gravel large stone 60; coarse sand 107; brown limestone 142; white limestone 218. Water at 112 and 218.
Fleasherton "	E. Oliver	May 18, 1963	4	6	22	20 1/2	"	D	Old well 24; hardpan boulders 69; gravel 69. Water at 69.
Fleasherton "	Imperial Bank	Jun. 6, 1963	4	15	35	26	"	D	Open hole 2; clay sand 50; gravel sand clay 60; sand brown clay 75; gravel 85; brown rock 134. Water from 125 to 132.
Fleasherton "	H. Bibby	Sep. 18, 1963	4	9	11	10	"	D	Gravel 30; sand 100; hardpan gravel 103. Water at 103.
Fleasherton "	C. Fields	Dec. 11, 1963	4	7	14	3	"	D	Clay stones 35; silt 65; sand gravel 100; hardpan gravel 103. Water at 103.
Fleasherton "	D. Williams	Dec. 14, 1963	4	7	25	24	"	D	Sandy clay 45; gravel 55. Water at 55.
Glenelg Twp.									
Con IV	J. Bakis	Sep. 28, 1960	4	10	75	68	Fresh	D	Gravel boulders 25; stony hardpan 80; sand 109; brown limestone 134. Water at 130.
Con IV	R. Stacey	Aug. 23, 1961	5	4	60	31	"	D, S	Rough gravel 30; loose brown limestone 41; solid brown limestone 85. Water at 44 and 78.
Con IV	J. McGrath	Jun. 10, 1963	4	6	46	44	"	D	Clay large boulders 4; white limestone 90. Water at 90.
Con V	P. Haley	Oct. 7, 1963	4	6	18	11	"	D, S	Gravel 15; clay hard boulders 52; white limestone 64. Water at 64.
Con V	R. Menbert	Apr. 21, 1961	4	5	38	38	"	D	Clay boulders 42; brown limestone 75; white limestone 139. Water at 75 and 139.
Con VI	W. Peart	Sep. 4, 1962	4	7	85	70	"	D, S	Clay boulders 70; grey hardpan boulders 126; white limestone 138. Water at 137.
Con VI	P. Greenwood	Nov. 21, 1962	4	6	66	63	"	D, S	Hardpan boulders 30; hardpan 117; brown limestone 122. Water at 122.
Con VI	J. Doherty	Jun. 24, 1960	4	10	20	13	"	D	Gravel boulders 18; coarse sand gravel 53; grey limestone 126. Water from 120 to 126.
Con VII	N. Hunt	Nov. 13, 1963	4	7	22	18	"	D, S	Gravel 30; hardpan boulders 82; limestone 88. Water at 88.
Con IX	W. McNally	Nov. 22, 1962	4	14	170	140	"	D, S	Open hole 30; gravel 50; sandy clay 100; grey clay 110; gravel 155; limestone 200; grey rock 244. Water from 230 to 240.
Con X	A. McNally	Sep. 20, 1963	4	6	88	87	"	D, S	Old well 27; hardpan boulders 67; clay hardpan 120; gravel hardpan 162; shale 166. Water at 166.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

lot 14	S. Dier	A. Loucks	Jun. 14, 1963	4	10	30	25	Fresh	D, S	
18	A.P. Elliott	"	Aug. 2, 1963	4	7	30	24	"	D	Brown clay boulders 40; grey limestone 49. Water from 45 to 49.
19	J. Rier	Durham Drillers	Aug. 2, 1960	4	8	40	37	"	D	Boulders gravel 30; limestone 77. Water from 70 to 77.
20	E. Routenburg	L. & A. Wright	Apr. 14, 1961	4	5	71	26	"	D	Stony hardpan 32; gravel 44; grey limestone 55. Water at 50.
20	T. Earls	A. Loucks	Jul. 9, 1963	4	12	50	42	"	D	Old well 30; white limestone 71. Water at 60.
"	G. Hatten	R. & S. Wright	May 17, 1961	4	10	50	10	"	D	Brown clay gravel boulders 60; limestone 70. Water from 80 to 90.
"	M. Hodgson	"	Jul. 18, 1961	4	10	30	25	"	D	Topsoil 5; gravel stone 18; stone hardpan 27; hard clay 30; grey limestone 45; blue limestone 71. Water at 71.
"	J. Hodgson	"	Nov. 8, 1962	4	10	30	20	"	D, S	Hardpan clay 7; grey limestone 50; blue limestone 60. Water at 60.
"	G. Gilmore	D. Wright & Sons	Jun. 18, 1963	5	8	45	12	"	D	Old well 21; grey limestone 73. Water at 70.
"	G. Lake	R. & S. Wright	Nov. 15, 1963	4	5	40	35	"	D	Clay gravel boulders 60; limestone 129. Water from 90 to 125.
"	P. Wheldon	L. & A. Wright	Sep. 15, 1960	5	6	130	12	"	D, S	Old well 28; hardpan stones 48; sand gravel 59; hardpan stones 85; grey limestone 107. Water at 107.
"	L. Gowen	A. Loucks	Dec. 12, 1962	4	8	60	50	"	D	Clay stones 40; small stones clay 78; limestone 130. Water at 90.
"	J. Wheldon	R. & S. Wright	Jul. 9, 1960	4	10	25	15	"	D	Old well 20; brown clay gravel 37; limestone 152. Water from 140 to 152.
"	R. Playford	L. & A. Wright	Dec. 11, 1963	4	12	100	60	"	D	Sand loam 5; gravel stones 10; grey limestone 40; blue limestone 56. Water at 56.
"	J.D. Ceaser	A. Loucks	Jan. 10, 1963	5	10	45	35	"	D, S	Old well 24; clay gravel 100; sand clay 167; white limestone 177; brown rock 195. Water at 190.
"	J. Grum	B. Wright & Sons	Nov. 1, 1963	5	10	30	28	"	D	Old well 34; brown clay gravel boulders 78; brown limestone 140. Water from 110 to 140.
"	H. Martin	M.S. Bellervy	Nov. 30, 1960	4	3	70	30	"	D	Clay gravel boulders 25; hard brown limestone 65. Water at 50.
"	R. Sutherland	A. Loucks	May 23, 1963	4	10	55	40	"	D, S	Hardpan clay gravel 152; gravel 162. Water at 152.
"	I. Seabrook	R. & S. Wright	Aug. 2, 1962	5	20	46	46	"	D	Yellow hardpan 52; limestone 57; fired shale 101. Water from 85 to 101.
"	C. McGinnis	"	Dec. 15, 1962	5	15	27	17	"	D, S	Brown sandy soil 24; sandy clay stones 41; grey limestone 70. Water at 66.
"	J. Webster	"	Oct. 17, 1960	4	8	70	18	"	D, S	Old well 27; gravel large stones 41; brown limestone 65; blue limestone 93. Water at 90.
"	R. Hampton	L. & A. Wright	Aug. 25, 1960	5	12	75	20	"	D	Topsoil 2; gravel 10; hardpan stones 30; stones gravel 35; hard clay stones 64; grey limestone 91. Water at 90.
"	C. Shute	"	Sep. 7, 1960	4	10	100	31	"	D	Old well 14; large stones clay 55; gravel clay 58; limestone 91. Water at 85.
"	H. Troughton	"	Sep. 30, 1960	4	12	101	26	"	D	Old well 15; clay stones 68; rock 70; clay gravel 77; limestone 100. Water at 90.
"	M. Clancy	D. Wright & Sons	Nov. 30, 1963	5	10	55	30	"	D	Gravel clay 20; stones clay 68; rock 70; clay stones 75; limestone 101. Water at 90.
"	A. Cooper	Fratt Bros.	Jul. 28, 1960	4	5	40	36	"	D	Large boulders gravel clay 78; brown limestone 122. Water from 115 to 120.
"	B. Watts	"	Oct. 19, 1961	4	3	60	28	"	D	Clay boulders 59; quicksand 60; brown shaly limestone 64; brown limestone 73. Water at 71.
"	E. Scott	"	Jun. 19, 1962	4	6	39	35	"	D	Red clay stones 40; brown loose rock 85. Water at 80.
"	S. Yates	"	Aug. 12, 1963	4	7	35	32	"	D	Clay boulders 40; shaly rock 57; brown limestone 61. Water at 61.
"	H. Gillespie	M.S. Bellervy	Jul. 25, 1963	4	5	49	48	"	D	Clay boulders 65; brown limestone 71. Water at 71.
"	H. Seglins	Durham Drillers	Dec. 4, 1960	4	10	120	84	"	S	Brown clay stones gravel 60; medium hard white rock 99. Water from 90 to 99.
"	B. Bussey	Pratt Bros	Apr. 29, 1963	4	7	15	11	"	D	Gravel boulders 60; brown sandy clay 90; hardpan boulders 134; brown limestone 160. Water at 150.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Holland Twp. - cont. SHE Con II lot 6	McKinley Transport	M.S. Bellerby	Jun. 16, 1963	5	5	24	20	Fresh	D	Gritty clay stones 64; hard grey limestone 84½. Water from 80 to 84.
SHE Con III " 38	B. Drews	Durham Drillers	Sep. 12, 1960	4	5	60	54	"	D	Hardpan boulders 80; gravel 89; brown limestone 135. Water at 125.
SHE Con III " 65	W. Tolton	A. Loucks	Oct. 9, 1961	4	5	75	63	"	D, S	Sandy brown clay 54; soft white limestone 93. Water from 63 to 93.
SRW Con I " 15	R. Cumber	M.S. Bellerby	Jul. 29, 1960	5	10	22	18	"	D	Sand gravel 30; white limestone 58. Water from 50 to 58.
SRW Con I " 30	G. Maher	D. Wright & Sons	Oct. 2, 1963	5	12	15	6	"	D	Gravelly hardpan 40; boulders limestone 95. Water from 70 to 90.
SRW Con I " 30	R. Pope	"	Oct. 9, 1963	5	12	40	26	"	P	Gravelly hardpan boulders 60; brown limestone 122. Water from 80 to 115.
SRW Con I " 31	O. Humbecker	L. & A. Wright	Oct. 8, 1960	4	12	96	20	"	D	Clay gravel 20; clay large stones 68; limestone 96. Water at 90.
SRW Con I " 59	J. Wice	Pratt Bros.	Oct. 26, 1962	4	6	66	60	"	D	Large boulders hardpan 40; sand gravel 66; brown limestone 92. Water at 92.
SRW Con I " 60	J. McGinn	"	Jul. 29, 1961	4	6	35	28	"	D	Clay hard boulders 35; quicksand 36; brown loose rock 60; brown limestone 68. Water at 67.
SRW Con I " 60	B. Sutton	"	Aug. 7, 1961	4	4	50	38	"	D	Red clay boulders 35; sand 36; brown loose rock 67; brown limestone 85. Water at 70.
Keppel Twp. CR 133	K. Wright	D. Wright & Sons	Jul. 14, 1961	6	4	18	12	Fresh	D	Brown limestone 28. Water at 28.
Con A " 40	H. Gravelle	"	Oct. 17, 1961	5	50	20	20	"	D	Clay 8; shale 50. Water at 40.
Con IV " 5	Superior	R. & S. Wright	Oct. 27, 1960	4	100	15	15	"	P	Topsoil 10; grey limestone 35; blue limestone 98; red shale 100. Water from 91 to 100.
Con IV " 19	J. Mercer	D. Wright & Sons	Oct. 30, 1963	5	12	37	33	"	D, S	Clay 2; limestone 107. Water at 100.
Con V " 18	M. Casemare	"	May 1, 1962	4	12	30	18	"	D, S	Broken limestone 15; split limestone 74. Water from 55 to 70.
Con V " 18	S. S. #	"	Jun. 1, 1960	4	12	35	20	"	P	Clay gravel boulders 30; grey limestone 80. Water at 50 and 75.
Con V " 18	R. Yates	"	Apr. 1, 1961	5	10	5	Flows	"	D	Rock 9; brown limestone 46. Water at 40.
Con VI " 3	M. Schnurr	"	Nov. 3, 1961	5	18	25	12	"	D	Clay 13; black limestone 60; brown limestone 84. Water at 75.
Con VIII " 5	R. Hutcheson	"	Feb. 10, 1961	4	5	125	40	"	D, S	Clay gravel boulders 10; brown limestone 141. Water at 80 and 125.
Con XII " 33	J. McLeod	"	Dec. 11, 1962	5	10	5	Flows	"	D, S	Clay boulders gravel 20; red blue shale 35. Water from 15 to 30.
Con XIV " 22	W. Brown	"	Jun. 23, 1960	4	12	15	8	"	P	Gravel boulders 12; grey limestone 42. Water at 35.
Con XIV " 23	"	"	Jun. 18, 1960	4	15	12	10	"	P	Grey limestone 52. Water at 45.
Con XIV " 29	J. Brown	"	Jul. 8, 1961	5	10	30	16	"	D, S	Gravel clay 12; brown limestone 76. Water at 60.
Con XVII " 14	G. Charlton	"	Sep. 7, 1960	4	15	22	20	"	D, S	Clay 5; limestone 82. Water at 47.
Con XVIII " 41	E. Davenport	R. & S. Wright	Aug. 30, 1961	5	5	30	15	"	S	Topsoil 2; grey limestone 30; blue shale 40; red shale 62. Water from 40 to 62.
Con XIX " 38	J. Taylor	"	Oct. 9, 1962	6	10	35	20	"	D, S	Old well 60; clay stones 22½; brown limestone 46; shale 52. Water at 46.
Con XX " 1	H. Hill	L. & A. Wright	Sep. 27, 1963	5	5	108	17	"	D, In	Clay stones 25; limestone 108. Water at 90.
Con XX " 14	W. Patterson	D. Wright & Sons	Jun. 3, 1963	5	2	50	9	"	D	Gravel boulders 9; limestone 50. Water from 40 to 50.
Con XXI " 2	S. Wynch	R. & S. Wright	Sep. 12, 1961	4	3	75	10	"	N	Split 3; limestone 45; shale 48; limestone 68; shale 90. Water at 86.
Con XXIII " 30	R. Davidson	D. Wright & Sons	Jun. 26, 1963	6	2	65	22	"	D, S	Loose rock 3; grey limestone 50; blue limestone 65. Water at 60.
Con XXIV " 13	H. Wrigley	R. & S. Wright	Sep. 30, 1960	4	10	40	38	"	S	Topsoil 4; grey limestone 22; blue limestone 68. Water at 68.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Normanby Twp. - cont.										
Con X	H. Aylott	E.A. Keeso	Aug. 1, 1960	4	12	28	22	Fresh	D	Gravel clay 14; clay boulders 27; brown shale 34; brown limestone 39; blue limestone 41. Water at 41.
Con X	J. Murphy	Durham Drillers	Oct. 12, 1961	4	10	35	28	"	D	Old well 28; bluish grey limestone 57. Water at 55.
Con X	L. Werner	E.A. Keeso	Jan. 22, 1962	4	14	40	38	"	D, S	Gravel clay 16; brown clay stones 24; brown shale 31; hard brown limestone 68. Water from 55 to 65.
Con X	H. Hartman	"	Aug. 28, 1963	5	7	38	20	"	D	Clay gravel 19; brown shale 34; brown limestone 52. Water from 50 to 52.
Con XI	J. Rosewurm	"	Jul. 27, 1961	4	12	100	96	"	D, S	Brown clay 42; dark shale 46; brown limestone 108; blue limestone 168. Water at 168.
Con XI	L. Kye	"	May 1, 1963	4	12	51	43	"	D	Sandy topsoil 5; hardpan stones 26; brown shale 40; hard brown limestone 94. Water at 94.
Con XI	S.S.# 6	Durham Drillers	Nov. 22, 1960	4	10	65	55	"	D	Topsoil 3; brown clay stones 40; brown limestone 82. Water from 75 to 82.
Con XII	G. Hall	E.A. Keeso	May 28, 1962	4	12	34	33	"	D, S	Brown clay 18; gravel stones clay 47; blue clay 71; blue shale 85; blue limestone 86. Water at 86.
Con XII	A. Becker	Fratt Bros.	Oct. 26, 1960	5	6	21	19	"	D, S	Clay 10; sand 30; brown limestone 75. Water at 72.
Con XIV	G. Lentz	E.A. Keeso	Jan. 25, 1961	5	15	30	13	Sulphur	D, S	Old well 6; gravel 29; clay 62; clay sand gravel 76; shale 96; blue limestone 183; brown limestone. Water from 140 to 180.
Con XIV	G. Kurz	"	Sep. 26, 1960	4	8	100	92	Fresh	D, S	Old well 26; clay 45; sand 81; blue shale 94; blue limestone 111. Water at 111.
Con XVI	D. Berstege	"	Aug. 8, 1960	4	13	19	18	"	D, S	Clay 21; hardpan 34; gravel 49; blue shale 64; blue limestone 78. Water at 78.
GRW Con I	W. Giesby	Durham Drillers	Jul. 2, 1963	4	10	42	38	"	D, S	Topsoil 1; hardpan boulders 25; hardpan 40; gravel 57; boulders sand 70; brown limestone 80. Water from 72 to 78.
GRW Con I	Durham Drillers	"	Apr. 24, 1962	4	15	30	10	"	P	Topsoil 3; hardpan boulders 53; brown limestone 100. Water at 75.
GRW Con I	G. Flewelling	"	Apr. 11, 1963	4	20	10	"	"	D	Topsoil 5; gravel sand boulders 21; rock 113; grey hard limestone. Water from 90 to 110.
GRW Con II	L. Holliday	E.A. Keeso	Nov. 23, 1962	4	12	38	32	"	D, S	Clay 46; sand 84; sandy gravel boulders 102; gravel 106; brown shale 138; blue shale 151; blue limestone 212. Water from 203 to 212.
GRW Con II	L. Jackson	Durham Drillers	Aug. 9, 1962	4	18	50	35	"	D, S	Gravel clay 30; clay boulders 60; quicksand 80; grey clay 100; sand 135; coarse gravel 170; stony yellow sand 180; blue clay 190; hard blue rock 205. Water from 192 to 202.
GRW Con III	A. Mountain	Fratt Bros.	Feb. 4, 1963	4	5	65	18	Sulphur	D, S	Clay boulders 40; white limestone 137. Water from 44 to 137.
Osbrey Twp.										
Con A	S. Faehnie	Abercrombie & Jackson	Aug. 22, 1962	4	4	20	15	Fresh	D	Topsoil 5; grey limestone 50. Water from 49 to 50.
Con A	M. Lawrence	C. Bartley	May 2, 1963	4	4	43	14	"	D	Topsoil 7; white limestone 62. Water at 55.
Con VI	J. Wright	Fratt Bros.	Mar. 31, 1961	4	6	36	35	"	D	Red clay large boulders 38; brown shaly limestone 64. Water at 44.
Con VI	N. Brodi	"	Aug. 12, 1961	4	6	41	40	"	D	Previously drilled 41; brown hard limestone 62½. Water at 45.
Con VI	J.A. Rawlings	A. Loucks	Feb. 21, 1963	4	10	55	50	"	D	Brown clay gravel boulders 70; red brown limestone 100. Water from 80 to 100.
Con VII	M. McLeod	Fratt Bros.	Aug. 10, 1961	4	6	41	39	"	D	Previously drilled 42; hard limestone 62. Water at 45.
Con VII	S. Wright	"	Oct. 12, 1961	4	4	46	40	"	D	Clay boulders 28; dark brown hard limestone 68. Water at 48.
Con VII	S. Lawler	"	Oct. 14, 1960	4	5	40	40	"	D	Clay stones 17; hard brown limestone 60. Water at 54.
Con VIII	K. Hawkins	"	Nov. 12, 1962	4	2	140	95	"	D, S	Hardpan boulders 33; brown limestone 142; white limestone 160. Water at 105.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE
GREY COUNTY - cont.									
Proton Twp. - cont.									
Con XVII	G. Black	Pratt Bros.	Dec. 2, 1963	4	6	50	49	Fresh	D, S
Con XVIII	A. Iwachuk	Durham Drillers	Aug. 5, 1961	4	10	22	15	"	D
SRW Range I	" 195	K. Kutscher-	Aug. 30, 1963	4	10	55	27	"	D, S
SRW Range I	" 217	S. Telch-	Sep. 11, 1963	5	15	40	20	"	D, S
SRW Range II	" 191	P. Limer	Jul. 15, 1963	4	8	6	1	"	D
SRW Range II	" 233	Holliness Church	Mar. 8, 1962	4	6	20	19	"	D, S
SRW Range III	" 193	R. Mills	Nov. 9, 1960	5	6	15	13	"	D, S
St. Vincent Twp.									
Con II	J. Ormsby	D. Wright & Sons	Oct. 21, 1961	5	4	80	12	Fresh	D, S
Con II	E. Carefoot	Abercrombie & Jackson	Oct. 18, 1961						
Con II	"	"	Oct. 20, 1961	6 1/2	10	14	10	"	D, S
Con III	D. Sullivan	D. Wright & Sons	Jun. 28, 1961	5	16	45	30	"	D, S
Con III	D. Almond	Abercrombie & Jackson	Jul. 12, 1962	6 1/2	4	40	18	"	D, S
Con VI	E. Greenfield	"	Sep. 12, 1962	6 1/2	6	20	10	"	D, S
Con VI	R. Herbert	"	Sep. 10, 1960	4	10				D
Con VI	N. Wrenn	"	Nov. 1, 1961	4	8	7		Flows	D
Con VII	E. Artley	R. & S. Wright	Oct. 16, 1962	5	15	60	60	"	D, S
Con VII	G. M. Shouldice	A. Loucks	May 5, 1963	5	5	45	30	"	D
Con IX	G. Rowlandson	"	Jun. 5, 1963	4	4	125	40	"	S
Con X	D. A. Boyes	"	Oct. 2, 1963	5	10	120	70	"	D, S
Con X	C. Ford	"	Dec. 14, 1961	4	2	130	100	Sulphur	D, S
Con X	W. Mills	Abercrombie & Jackson	Dec. 20, 1960	6	6	40	40	Fresh	D, S
Con XI	G. Moore	D. Wright & Sons	Aug. 25, 1960	4	15	40	25	"	D, S
Con XII	H. Shields	A. Loucks	Sep. 25, 1961	4	4	61	35	"	D, S
Sarawak Twp.									
Con I	P. Bumstead	A. Loucks	Aug. 6, 1963	4	7	60	44	Fresh	D, S
Con I	H. McLeod	"	Jul. 31, 1963	4	15	25	20	"	D, S
Con II	G. Bailie	D. Wright & Sons	Sep. 2, 1963	5	5	20	12	"	D
Con II	J. A. Marshall	R. & S. Wright	Nov. 10, 1960	4	10	50	25	"	D
Con II	E. Keeling	D. Wright & Sons	Aug. 18, 1963	5	5	25	12	"	D
Con II	R. Urstadt	"	May 29, 1962	5	2	78	17	"	D
Con II	L. Corbett	"	Jun. 14, 1962	5	10	25	20	"	D

KEY COUNTY - cont.													
Sawak Twp. - cont.													
Con II	lot 27	East Linton United Church	D. Wright & Sons	Oct. 12, 1961	5	3	60	25	Fresh	P	Coarse gravel 13; brown limestone 45; blue shale 50; red shale 74. Water at 45 and 70. Soil broken stones 14; limestone 33; blue shale 43; red shale 65. Water at 33 and 43. Brown sandy soil 5; grey clay stones 38; grey sand 63; red shale 66; fine gravel 68. Water at 67. Heavy clay 23; blue limestone 34; blue shale 37. Water at 34. Gravel 10; red shale 40; blue shale 80. Water from 40 to 80. Gravel boulders 30; gravel 45; red shale 80. Water from 40 to 45. Gravel 45; boulders red shale 91. Water at 80. Grey limestone 20; blue shale 30; red shale 45. Water at 35. Gravel 25; red shale 60. Water from 45 to 50. Red blue shale 40. Water at 15. Small stones 5; brown limestone 19; blue shale 35; red shale 92. Water at 45.		
Con II	"	E. Miersch	L. & A. Wright	Jun. 30, 1960	4	4	41	18	"	D			
Con III	"	J. Sipes	R. & S. Wright	Sep. 17, 1963	5	15	35	15	"	D			
Con III	"	D. McBride	"	Oct. 6, 1962	5	3	30	10	"	D			
Con III	"	E. Johnson	D. Wright & Sons	Dec. 19, 1961	5	3	80	24	"	N			
Con III	"	M. Cole	"	Jun. 21, 1961	5	1	79	30	"	D			
Con III	"	S. Malcolin	"	Oct. 14, 1962	5	10	35	35	"	D			
Con III	"	L. Edmonston	R. & S. Wright	Sep. 8, 1961	4	1	20	10	"	D			
Con III	"	Sawak & Keppel School	D. Wright & Sons	Nov. 30, 1961	7	18	20	12	"	P			
Con III	"	E. Hinds	"	Sep. 25, 1961	6	2	25	6	"	D			
Con III	"	C. Spencer	R. & S. Wright	Jun. 21, 1962	6	2	88	36	"	D			
Shallow Lake Vlg.													
Shallow Lake "													
Shallow Lake "													
Shallow Lake "													
Sullivan Twp.													
Con B	lot 31	A. Vasey	D. Wright & Sons	Sep. 2, 1963	5	5	30	12	Fresh	D	Clay boulders 20; red shale 90. Water from 60 to 80. Gravel sand 6; hardpan 20; big stones gravel 30; grey clay stones 36; grey limestone 55; blue limestone 75; shaly grey limestone 85. Water at 85. Stones clay gravel 25; clay gravel 37; shale 47; brown bedrock 50. Water at 50. Boulders gravel 45; limestone 81. Water from 70 to 81.		
GRW Con I	"	J. Jorilson	R. & S. Wright	Nov. 16, 1960	4	5	75	50	"	D	Brown clay gravel boulders 53; limestone 65. Water from 60 to 65. Sand 10; hardpan stones 30; boulders 40; hardpan stones 80; gravel 81. Water at 80. Hardpan stones 39; grey limestone 103. Water at 100. Stones gravel 24; brown silty clay stones 88; silty clay 118; brown limestone 146. Water from 140 to 146. Old well 20; clay small stones 94; grey limestone 111. Water at 100. Tonsol 4; fine sand 20; sandy clay 60; coarse sand 120; gravel 128. Water from 100 to 127. Clay boulders 35; sand boulders 80; gravel 91; cemented sand. Dry hole. Old well 22; sand 50. Dry hole. 69; gravel 70. Water at 70. Clay boulders 10; sand boulders 30; blue shale 15; red shale 46. Water from 25 to 30. Soil 4; limestone 155. Water at 150.		
Con I	"	R. Wark	L.H. Weirnier	Jun. 2, 1960	4	8	18	18	"	D			
Con I	"	E. & E. Segmiller Ltd	A. Loucks	Jul. 29, 1963	4	15	40	31	"	D			
Con I	"	M. Crozier	"	Jul. 2, 1963	4	12	35	30	"	D			
Con I	"	E. Gibbons	R. & S. Wright	Sep. 27, 1961	5	10	40	36	"	D, S			
Con II	"	A. Fraser	"	Nov. 19, 1962	4	5	60	30	"	D			
Con III	"	L. Janke	"	Nov. 23, 1962	5	15	100	60	"	D, S			
Con III	"	J.P. Vesey	"	Jul. 2, 1962	5	8	90	66	"	D, S			
Con IV	"	J. Wilson	Durham Drillers	Apr. 11, 1963	4	20	50	30	"	D			
Con V	"	E. Heidemann	"	May 29, 1961	4				"				
Con V	"	"	"	Jun. 1, 1961	4				"				
Con V	"	"	"	Jun. 9, 1961	4	3	65	58	Fresh	D, S			
Con VI	"	A. Lamb	D. Wright & Sons	Oct. 5, 1963	4	3	15	10	"	D			
Con VII	"	O. Maulsbe	L. & A. Wright	Apr. 22, 1963	5	6	100	15	"	D			

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY - cont. Sullivan Twp. - cont.										
Con VII lot 1?	A. Smith	A. Loucks	Aug. 16, 1963	7	12	38	20	Fresh	D	Gravel stones boulders 4; white limestone 125; grey limestone 140. Water from 125 to 140.
Con VII " 13	C. C. Coxon	R. & S. Wright	Aug. 20, 1962	5	5	100	40	"	D	Sandy soil stones 22; grey limestone 110. Water at 90 and 108.
Con VII " 22	Morrell Mair	L. H. Weirmer	Jul. 4, 1960	4	4	52	48	"	D, S	Stones clay 22; red clay stones 35; grey clay 45; red clay stones 65; grey clay 85; sand gravel 113; brown rock 138. Water at 138.
Con VII " 24	S. S. # 11	D. Wright & Sons	Nov. 27, 1962	5	10	9	8	"	P	Gravel sand 58; brown limestone 96. Water at 90.
Con IX " 1	L. Cook	R. & S. Wright	Aug. 30, 1962	4	6	25	18	"	D	Tonsoll stone 16; oreamy limestone 36. Water at 34.
Con IX " 27	W. McDonald	Durham Drillers	Jul. 15, 1961	4	18	20	17	"	D, S	Fill 5; sand boulders 30; gravelly horizon 76; brown limestone 100. Water at 95.
Con IX " 28	M. Xoder	"	Jul. 19, 1961	4	5	120	30	"	D, S	Topsoil 4; harpan 70; sand gravel 85; brown limestone 120; grey limestone 150. Water at 110 and 140.
Con X " 21	D. Botma	A. Loucks	Nov. 2, 1963	4	10	45	18	"	D, S	Yellow harpan boulders 70; limestone 76. Water from 70 to 86.
Con X " 27	G. McDonald	Durham Drillers	Jul. 24, 1961	4	3	170	30	"	D, S	Harpan boulders 97; white limestone 240. Water from 170 to 230.
Con XI " 30	J. Floyd	"	Jun. 26, 1961	4	10	60	38	"	D, S	Boulders sand gravel 50; brown limestone 156. Water from 140 to 150.
Con XII " 7	J. McGregor	R. & S. Wright	Nov. 28, 1963	4	10	30	8	"	S	Topsoil stones 4; shaly grey limestone 14; white limestone 98; Water from 65 to 98.
Con XIII " 21	J. D. Thompson	G. L. Davidson	Aug. 9, 1963	4	10	33	8	"	D, S	Topsoil 1; stones gravel 5; harpan stones 63; bluish brown soft shale 86. Water at 86.
Con XIII " 27	A. Sulkye	L. H. Weirmer	Oct. 14, 1960	4	12	50	30	"	D	Red clay 25; grey clay 45; grey clay stones 84; sand gravel 87; grey rock 89. Water at 89.
GRW Con I " 2	K. Morrison	A. Loucks	May 12, 1962	4	5	60	50	"	D	Brown clay boulders 38; brown limestone 82. Water from 70 to 82.
GRW Con I " 8	J. Duggan	"	Jul. 20, 1963	5	5	90	10	"	D, S	Brown clay gravel boulders 75; grey limestone 132. Water from 130 to 132.
GRW Con I " 10	E. Dixon	"	Jun. 25, 1963	4	10	40	25	"	D, S	Brown clay gravel boulders 30; grey limestone 56. Water from 50 to 56.
Sydenham Twp. BP										
lot 34	A. Reilly	A. Loucks	Apr. 3, 1963	9	6	8	6	Fresh	D	Till 2; sand 6; red shale 20; green shale 40. Water from 30 to 40.
CEN Con I " 4	Woodford Com- munity Centre	D. Wright & Sons	Aug. 30, 1960	4	2	80	8	"	P	Clay 3; limestone 40; blue shale 46; red shale 85. Water at 40 and 75.
CEN Con I " 4	J. Greig	R. & S. Wright	Sep. 20, 1960	4	1	100	28	"	D	Topsoil 1; white limestone 32; blue hard shale 40; red hard shale 50; grey hard shale blue shale 100. Water from 32 to 90.
CEN Con I " 12	J. R. Kelloueh	D. Wright & Sons	Jun. 21, 1962	5	5	50	14	"	D, S	Clay boulders 18; limestone 53; blue shale 60; red shale 100. Water from 55 to 85.
CEN Con II " 18	M. Brainard	"	Sep. 10, 1961	4	1	74	10	"	D	Clay 3; brown limestone 45; blue shale 50; red shale 78. Water at 70.
CHS Con I " 12	L. Edwards	"	Sep. 16, 1962	5	5	60	25	"	C	Shale 10; blue shale 46; red shale 80. Water from 40 to 70.
CHS Con I " 25	F. J. Farbridge	L. & A. Wright	Jul. 28, 1962	5	1	175	72	"	D, S	Clay stones 26; limestone 84; blue shale 94; red shale 170; blue shale 175. Water at 84.
Con B " 33	B. Ried	D. Wright & Sons	Apr. 11, 1962	5	12	20	12	"	D	Soil 1; shale 15; blue shale 22; red shale 71. Water from 50 to 60.
Con B " 33	D. McKinnon	"	Jul. 6, 1962	5	10	30	12	"	D	Red clay 10; red shale 94. Water from 60 to 85.
Con B " 34	C. McFadden	"	Sep. 7, 1962	5	10	15	8	"	D, C	Red quarry 18; blue shale 23; red shale 80. Water from 50 to 80.
										Grey clay 10; white limestone 32; blue shale 53. Water at 53.

Sydenham Twp. - cont.	lot 15	H. Laycock	R. & S. Wright	Jul. 12, 1961	4	20	38	20	Fresh	D, S	Dark sandy soil 25; brown clay stones 47; grey limestone 66. Water at 65.
Con I	"	G. Jack	A. Loucks	Sep. 15, 1961	4	3	110	"	"	D, S	Brown clay builders 150; pink clay 185; sand gravel 190; pink clay 390; sand gravel 400. Water from 390 to 400.
Con II	"	R. McOutcheon	D. Wright & Sons	Nov. 22, 1961	5	12	25	11	"	D, S	Shale 18; blue shale 24; red shale 70. Water from 20 to 60.
Con VI	"	D. Lourie	R. & S. Wright	Jun. 7, 1961	4	5	38	40	"	D	Hardpan clay 15; sandy clay 32; hard grey clay 58; gravel coarse sand 60. Water at 60.
Con VIII	"	O.H. Ferguson	L.A. Wright	May 5, 1961	5	6	110	Flows	"	D	Sandy clay 47; clay large stones 90; blue clay 100; fine gravel sand 110. Water at 105.
Con VIII	"	Z. Conrad	D. Wright & Sons	Jun. 10, 1961	5	15	50	40	"	D, S	Brown clay 26; grey brown limestone 126; blue shale 132; red shale 157. Water at 120 and 135.
Con VIII	"	T. Faju	"	Aug. 18, 1960	4	5	55	20	"	D	Limestone 16; blue shale 23; red shale 62. Water at 40.
Con IX	"	T. Xpung	A. Loucks	Jun. 6, 1961	4	2	145	115	"	D, S	Old well 40; brown clay 150; gravel 154. Water from 151 to 154.
Con XI	"	G. Greve	D. Wright & Sons	Apr. 23, 1962	4	12	25	16	"	D	Clay 44; limestone 47; blue shale 52; red shale 67. Water from 45 to 60.
Con XII	"	M. Hamilton	"	Sep. 15, 1961	5	12	28	10	"	D	Clay builders 12; grey brown limestone 81. Water at 75.
Con XII	"	S. Sydenham	R. & S. Wright	Aug. 11, 1962	5	20	22	20	"	P	Sandy soil stones 22; brown limestone 62. Water at 57.
Con XII	"	School Area	"	Oct. 11, 1961	5	10	18	5	"	D	Black loam 14; blue limestone 50. Water at 35.
Con XII	"	W.A. Waterton	"	Jun. 13, 1961	5	10	35	5	"	D	Clay 1; white limestone 35; brown limestone 50. Water at 40.
Con XII	"	R. Downey	D. Wright & Sons	Aug. 10, 1960	4	1	74	15	"	D	Topsoil 1; white limestone 65; blue clay shale 68; red clay shale 74. Water from 50 to 65.
Con XII	"	D. Cunningham	R. & S. Wright	Nov. 22, 1960	4	1	65	12	"	C	Fill 6; grey limestone 35; blue shale 42; red shale 70. Water at 35.
Range V	"	J. McRae	D. Wright & Sons	Nov. 25, 1960	4	3	63	7	"	D	Clay 1; grey limestone 32; blue shale 38; red shale 66. Water at 32.
Range V	"	J. McMaster	"	Aug. 14, 1960	4	5	40	20	"	C	Clay 5; limestone 50; blue shale 55; red shale 73. Water from 40 and 65.
Range VI	"	Tom's Wrecking Yard	"	Sep. 23, 1960	4	2	30	8	Mineral	D	Gravel 7; shale 25; blue red shale 36. Water at 25.
SP	"	J. Stratton	"	Nov. 7, 1960	6 1/2	10	12	11	Fresh	D	Clay stones 20; fine sand 24; clay stone sand 60; clay gravel 61; coarse gravel 61 1/2. Water from 61 to 61 1/2.
Thornbury	"	E. Madill	Abercrombie & Jackson	Dec. 1, 1961	6 1/2						Clay builders 30; clay gravel 34; sand clay 55; dark brown shale 90. Dry hole.
Thornbury	"	M. McClunky	"	May 14, 1960	4	1	39	26	Fresh	D	Sandy loam 8; blue clay 26; clay sand gravel 27 1/2; shale limestone 39 1/2. Water at 38.
HALDIMAND COUNTY	"	E. Anderson	R.D. Featherstone	Sep. 28, 1960	6	14	10	6	"	D	Brown loam 2; blue clay 13; medium gravel 20. Water at 20.
Caledonia Town	"	J. Busch	F. Ince	May 2, 1961	6	3	50	30	Sulphur	D	Grey clay 20; gravel 30; grey limestone 65. Water at 60.
Caledonia	"	C. Campbell	R.J. Gilbertson	Jul. 16, 1962	6	8	33	32	Fresh	D	Brown clay 6; grey clay 31; hard grey limestone 44. Water at 34.
Caledonia	"	W.J. Botwright	J. Wickett	Jul. 21, 1962	5	5	33	33	"	D	Brown clay 6; grey clay 30; hard grey limestone 40. Water at 35.
Caledonia	"	E. Anderson	"	Jun. 27, 1961	6	8	24	24	Fresh	D	Sandy clay 2; blue clay 55; red clay 65; hard pan stones 75; gravel 76. Water at 75.
Carleton Place	"	J. Vogel	E.A. Ricker & Sons								
Indian Reserve	"										
IR	lot 1	J. Vogel	E.A. Ricker & Sons								

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY - cont.										
Canborough Indian Reserve - cont.										
IR lot 1	Christian Reform Church	E.A. Ricker & Sons	Aug. 28, 1961	6	7	26	24	Fresh	P	Sand 8; blue clay 40; red clay 60; blue clay 60; brown 80; gravel 80. Water at 80.
IR " 2	G. Freeman	Caughill Bros.	Jun. 17, 1960	6	9	30	12	"	C	Clay 7; sand 78; shale 79. Water at 78.
Canborough Twp.										
CT lot 10	R. Schwoob	Thompson & Fralick	Sep. 16, 1961	4	8	25	25	Fresh	S	Black muck 2; yellow clay 18; blue clay 48; shale 50 1/2. Water at 49.
Con II " 14	P. Major	S.W. Merritt	Sep. 30, 1962	6	16	26	23	"	S	Clay 38; boulders gravel clay 52; clay 65; sand 67. Water at 67.
Con III " 1	H. Glenney	Thompson & Fralick	Sep. 19, 1961	4	15	22	18	Sulphur	S	Black muck 2; yellow clay 9; blue clay 57; shale 64. Water at 63.
Con III " 12	H. Mellick	R. Swayze	Oct. 18, 1963	6	20	23	20	Fresh	S	Yellow clay 30; grey clay 44; limestone 50. Water at 45.
Cayuga Vlg.										
Cayuga Vlg.	E. Donison	B. Helka	Nov. 24, 1960	6	30	25	24	Sulphur	P	Brown clay 28; brown limestone 31; blue shale 36. Water at 34.
Dunn Twp.										
Con IV " 8	M. G. Gregorio	F. Ince	Jul. 21, 1961	6	3	41	15	Fresh	D	Brown clay 2; blue clay 27; flint 41. Water at 38.
HT " 8	J. Werkmann	M. Culver & Son	Sep. 22, 1960	6	6	27	27	Sulphur	S	Clay 1; flint 23; brown limestone 54. Water at 52.
HRN Con I " 11	H. Fess	"	Jun. 29, 1961	6	14	32	32	Fresh	S	Clay 12; grey limestone 55. Water at 54.
ST " 9	B. Stubbins	D. Thompson	Oct. 5, 1961	6	15	28	20	"	D	Yellow clay 2; broken shale 9; shale limestone 46. Water from 38 to 46.
ST " 9	R. Snively	E.A. Ricker & Sons	Oct. 1, 1962	6	5	32	10	"	D, S	Brown clay stone 7; limestone 32. Water at 31.
ST " 10	K. Ricker	"	Jul. 1, 1961	6	10	20	19	"	D	Stony grey clay 5; loose grey limestone 16; grey limestone 26. Water at 25.
Dunnville Town										
Dunnville Town	A. Lamberton	M. Culver & Son	Jul. 4, 1960	6	17	13	13	Fresh	D	Clay 4; sand 10; clay 92; gravel 93. Water at 93.
Dunnville " "	M. Douos	E.A. Ricker & Sons	Aug. 22, 1962	6	12	12	12	"	D	Fine sand 10; yellow clay 40; red clay 65; blue clay 92; coarse gravel 94. Water at 92.
Hagersville Vlg.										
Hagersville " "	F. Bier	B. Helka	Dec. 17, 1960	6	5	70	57	Fresh	D	Shale 7; flint limestone 36; dolomite limestone 78; brown limestone 85; brown grey limestone 90; blue limestone 102. Water at 47, 78 and 92.
Hagersville " "	W. Davidson	"	Nov. 17, 1961	6	5	65	42	"	D	Shale 5; flint cherts 36; dolomite limestone 75; brown limestone 82. Water at 45 and 70.
Hagersville " "	J. Dallmonte	E.A. Mitchell	Jul. 17, 1963	6	5	40	27	"	D	Brown clay 4; flint 25; brown grey limestone 76. Water at 30, 57 and 74.
Hagersville " "	J. Fava	"	Aug. 15, 1963	6 1/2	5	38	25	"	D	Brown clay 4; shale 4; flint 25; shale brown limestone grey limestone 81. Water at 57 and 78.
Hagersville " "	B. Dangelo	"	Oct. 11, 1963	6 1/2	2	120	60	Sulphur	D	Clay shale 7; flint 30; grey brown limestone 75; shale brown limestone 128. Water at 74, from 90 to 106 and from 120 to 128.
Jarvis Vlg.										
Jarvis	Can. Bank of Commerce	R. Swayze	Feb. 19, 1960	6	10	35	30	Fresh	P	Clay 32; flint 55. Water at 52.
		"	Mar. 1, 1960	6	3	43	19	"	D	Clay 17; flint 45. Water at 40.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ¹	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY - cont. Seneca Twp. - cont.	PHE RI WH lot 4	K. McCullung	Nov. 20, 1960	6						Clay loam 12; blue clay 24; blue clay boulders 48; hardpan 52; blue shale 67; Dry hole.
	PHE RI WH " 6	L. Parke	Sep. 6, 1963	6	10	64	60	Fresh	D, S	Brown clay 10; blue clay 60; shale 66; rock 72. Water at 70.
	PHE RI WH " 2	J. J.	Oct. 17, 1963	6	8	100	50	"	D, S	Brown clay 8; blue clay 116; fine gravel 117. Water at 117.
	PRW RI EH " 3	Acciaccasferro	Aug. 3, 1961	6	1	100	20	Sulphur	D	Topsoil 5; brown clay 15; grey shale 50; limestone 60; blue shale 98; limestone 105. Water at 98.
	PRW RI EH " 3	N. Whaley	Aug. 8, 1961	6						Hardpan 50; grey shale 60; blue shale 109; Niagara limestone 140. Dry hole.
	PRW RI EH " 3	J. Drysdale	Jun. 10, 1962	6	10	57	55	Fresh	D	Topsoil 4; blue clay 47; blue shale 50; limestone 60. Water at 54.
	PRW RI EH " 3	J. Hatchford	Nov. 9, 1963	5	1	115	75	Sulphur	S	Brown clay 16; blue clay 45; gravel 52; grey limestone 115. Water at 105.
	PRW RI WH " 2	R. Fuller	May 21, 1961	6	10	60	40	Fresh	D	Topsoil 4; brown clay stone 50; blue clay 55; blue shale 75. Water at 62.
	PRW RI WH " 2	P. Whitehead	May 22, 1961	6	10	60	40	"	D	Topsoil 4; brown clay 52; blue clay 60; blue shale 75. Water at 65.
	PRW RI WH " 2	J. Tyne	May 15, 1963	6	5	65	12	"	D	Topsoil 1; brown clay 23; grey clay 53; zirconium 64; limestone 67. Water at 67.
	PRW RI WH " 3	W. Bleaks	Nov. 19, 1961	6	5	56	47	"	D	Topsoil 5; blue clay 20; blue shale 56; coarse black gravel 59. Water at 56.
	PRW RI WH " 3	R. Perrell	Jun. 1, 1962	6	5	60	35	"	D	Topsoil 1; brown clay 18; grey clay 36; blue clay 56; limestone 63. Water at 60.
	PRW RI WH " 17	C. Norcini	Jun. 1, 1963	6	5	56	40	"	D	Topsoil 2; brown clay 40; blue clay 63; limestone 78. Water at 78.
	RR " 18	C. Orto	Aug. 1, 1961	6	30	25	25	"	D	Old well 24; blue shale 38. Water at 36.
	RR " 24	A. Alderson	Dec. 2, 1963	6	10	30	20	"	D, S	Brown clay 6; blue clay 35; shale 44. Water at 44.
	SCB NW Con I " 8	S. Mago	Feb. 1, 1961	6	10	56	28	"	D, S	Old well 5; blue clay stones 76. Water at 74.
	SCB NW Con II " 8	E. Ienaszak	Aug. 9, 1963	5						Brown clay 5; grey clay 60; brown clay pebbles 79; grey limestone 13. Dry hole.
	SCB NW Con II " 8	"	Aug. 14, 1963	5	15	44	44	"	D, S	Brown clay 10; grey clay pebbles 69; grey limestone 73. Water at 74.
	SCB NW Con II " 13	E. Dewald	May 6, 1960	4	6 1/2	69	49	"	D	Yellow clay 22; blue clay 50; hardpan stones 60; blue clay 69; blue shale 73; blue brown shale 81. Water at 78.
	SCBS Con I " 22	M. Oulp	Aug. 11, 1962	6	15	60	60	"	D, S	Brown clay 4; grey clay 72; gravel 84. Water at 77.
	SCBS Con I " 22	C.H. Brown	Aug. 10, 1962	6	15	29	29	"	D	Brown clay 6; grey clay 88; gravel 94. Water at 84.
	SCBS Con II " 8	A. Hoeflaak	Sep. 25, 1963	6	5	30	30	"	D	Topsoil 4; humus 58; shale 60; hard blue shale 65. Water at 62.
	SCBS Con III " 16	C. Kohl	Feb. 17, 1962	5	15	25	18	"	D	Brown clay 4; grey clay pebbles 69; sandy rock 73; blue shale 77. Water from 70 to 72.
	SCBS Con IV " 7	J. Brinzel	May 3, 1960	6	6	35	30	"	D	Topsoil 5; blue clay 40; stones gravel 60. Water at 60.
Sherbrooke Twp.	Con I lot 8	P. Wright	Jul. 19, 1961	6	33	26	26	Sulphur	D	Clay 70; hardpan 81; flint 102. Water at 101.
	Con I " 16	H. Miller	Oct. 19, 1962	6	10	58	55	Fresh	D, S	Blue clay 34; flint rock 71. Water at 71.
	Con I " 17	T. Hartley	Apr. 18, 1962	6	2	60	38	Sulphur	D	Brown clay 32; flint 64. Water at 62.
Six Nations Indian Reserve, Oneida Twp.	Con VI lot 2	G. VanEvery	Dec. 28, 1962	6	4	60	20	Sulphur	S	Clay 33; gravel 34; grey limestone 89. Water at 48, 67 and 84.

FT	Con	III	IV	V	VI	VII	Dec. 7, 1960	7	17	20	20	fresh	D, S	Light sandy soil 4; grey clay pebbles 4; soft brown limestone 43. Water at 42. Red clay 27; fine sand 29; coarse gravel 31. Water at 29.
J. Armstrong	J. Crocco	lot 24					Apr. 15, 1962	6	7	20	20	"	D	
	W. Atrkin	" 26					Jul. 4, 1962	5	13	21	21	"	D	Clay 27; soft grey limestone 35. Water at 33.
	R. Ashwood	" 13					Feb. 26, 1962	4	10	34	25	"	D	Clay 63; coarse gravel 64. Water from 63 to 64.
	G. Austin	" 13					Mar. 2, 1962	5	13	55	25	"	D	Clay 64; coarse gravel 65; brown limestone 66. Water from 64 to 65.
	E. Bridmore	" 14					Feb. 16, 1962	6	40	33	18	Sulphur	S	Clay 59; coarse gravel 60. Water from 59 to 60.
	P. Mansingh	" 12					Sep. 27, 1962	5	2	148	3	"	D, S	Red clay 29; brown limestone 60; grey limestone 80; brown limestone 157. Water at 148.
	G. Struyk	" 30					Feb. 17, 1961	3	24	16	15	Fresh	D, S	Yellow clay 19; flint 31; limestone 35. Water at 31.
	A. Stellings	" 12					May 28, 1961	2	2	25	15	"	D	Brown clay 9; grey hard limestone 25. Water at 25.
	L. Rapp	" 12					Jul. 14, 1963	2	8	12	8	"	D	Sand 3; clay 12; flint 30. Water at 21.
	M. Rehras	" 12					Jul. 14, 1963	2	8	12	8	"	D	Clay 8; flint 24. Water at 16.
	A. Gresham	" 16					May 12, 1962	2	24	20	12	"	D	Brown clay 4; blue clay 15; flint 26. Water at 24.
	T. Riller	" 16					Jul. 1, 1963	2	3	2	6	"	D	Brown clay 1; flint 24. Water at 22.
	R. Blackwell	" 16					Jul. 3, 1963	2	6	15	15	Fresh	D	Clay 12; flint 32. Water at 20 1/2.
	R.J. Passer, MD.	" 16					Aug. 2, 1963	2	16	12	9	"	D	Sand 3; grey clay 12; flint 28. Water at 25.
	D.R. Diggle	" 17					Sep. 7, 1962	2	39	10	23	Fresh	D	Grey clay sand 14; grey shale 25. Water at 24.
	L. Cooper	" 18					Jul. 26, 1960	2	10	10	10	"	D	Grey clay sand 12; grey shale 24. Water at 24.
	L. Piller	" 18					Jul. 26, 1960	2	16	10	10	Sulphur	D	Clay 13; flint 25. Water at 24 1/2.
	A. Mellick	" 18					Aug. 6, 1963	2	24	15	15	Fresh	D	
	E. Frowse	" 18												
Malpole Twp.	W. Skates	lot 6					May 9, 1962	5	1 1/2	55	12	Sulphur	D	Yellow clay 20; hard sharp flint 60. Water at 51.
	M. McNabb	" 9					Aug. 20, 1960	5	5	32	28	Sulphur	D	Grey clay sand 27; grey shale 190. Dry hole.
	H. Jackson	" 16					Sep. 26, 1960	4	4	16	13	"	D	Grey clay 31; grey shale 37. Water at 29.
	H. Woess	" 22					Aug. 26, 1960	4	4	16	12	"	D	Grey clay 13; flint 25. Water at 20.
	R. Howlands	" 22					Apr. 12, 1963	3	2	30	7	"	D	Surface yellow clay 7; flint 22. Water at 19.
	H. Sheppard	" 23					Apr. 29, 1960	3	20	14	14	"	D	Clay 10; flint 31. Water at 28.
	N. Murray	" 23					Aug. 11, 1960	3	20	48	10 1/2	"	D	Clay 10; flint 31. Water at 28.
	N. Koeppe	" 24					Apr. 30, 1963	3	6	10	2	Sulphur	D	Clay overburden 10; flint 22. Water at 19.
	D. Smith	" 24					Aug. 23, 1960	3	20	7	2	"	D	Yellow clay 3; flint 50. Water at 46.
	P. Wakeford	" 24					Aug. 25, 1960	3	11	11	2	Fresh	D	Broken shelly flint 6; solid flint 17. Water at 15.
	O. Scamion	" 24					Feb. 9, 1961	3	12	28	13	"	D	Sand gravel 18; flint 25. Water at 23.
	C.J. Schwyer	" 24					Mar. 9, 1962	3	12	13	13	"	D	Clay 17; flint 30; Water at 27.
	C. Ritz	" 24					Apr. 11, 1962	3	8	22	16	Sulphur	D	Yellow clay 1; hard flint 30. Water at 27.
	J.P. Ryan	" 24					Jun. 23, 1962	3	5	18	12	"	D	Yellow clay 12; flint 21; shelly flint 22. Water at 21.
	D. Schlegel	" 24					Apr. 9, 1963	3	19	16	16	"	D	Yellow clay 12; flint 23 1/2. Water at 20.
	M. Cadwallader	" 24					May 22, 1963	3	6	11	9	"	D	Yellow clay 3; shelly flint 8; flint 19. Water at 17.
	G. Venus	" 24					Jun. 4, 1963	6	3	18	15	"	D	Brown clay 15; flint stone 23. Water at 22.
	A. Fulton	" 24					Jun. 2, 1963	6	3	15	15	"	D	Topsoil 8; brown clay 9; shale 10; flint stone 16. Water at 15.
	T. Nowatt	" 24					Jun. 7, 1963	6	3	12	13	Sulphur	D	Brown clay 14; flint stone 21. Water at 21.
	A. Dunnett	" 24					Jun. 7, 1963	6	2	16	2	"	D	Brown clay 12; flint stone 18. Water at 17.
	G. Grosvenor	" 24					Jun. 8, 1963	6	2	16	2	"	D	Brown clay 12; flint stone 26. Water at 25.
	P. Whitehouse	" 24					Jun. 11, 1963	6	2	14	8	"	D	Brown clay 11; flint stone 17. Water at 17.
	M. Taylor	" 24					Jun. 12, 1963	6	2	14	8	"	D	Topsoil 1; brown clay 10; flint stone 15. Water at 14.
	B. Doucette	" 24					Jun. 13, 1963	6	2	14	8	"	D	Brown clay 12; flint stone 16. Water at 16.
	K.R. Beattie	" 24					Jun. 14, 1963	6	2	14	8	"	D	Brown clay 12; flint stone 17. Water at 17.
	A. Vanderveer	" 24					Jun. 15, 1963	6	2	14	8	Sulphur	D	Brown clay 11; flint stone 19. Water at 19.
	H. Jarvis	" 24					Jun. 17, 1963	6	2	15	2	"	D	Brown clay 15; flint stone 21. Water at 21.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY - cont. Walpole Twp. - cont.										
Con I lot 24	J. Hyde	Gross Bros.	Jun. 22, 1963	6	3	20	15	Sulphur	D	Brown clay 14; flint stone 23. Water at 23.
Con II " 1	S. Creek	E. Stewart	Aug. 22, 1963	5	1	27	10	"	D	Clay 25; flint 58. Water at 58.
Con III " 11	T. Davis	R. Swayze	Aug. 23, 1963	5	5	28	15	Fresh	D	Yellow clay; flint 30. Water at 27.
Con IV " 18	G. Comfort	E. Stewart	Oct. 14, 1961	7	4	43	14	"	D	Clay 27; flint 53. Water at 53.
Con IV " 11	B. Beck & Son	E. Helka	Jan. 12, 1961	7	30	50	50	Fresh	D	Clay 44; flint 65; shale 70; flint 77. Water at 50.
Con IV " 23	E. Schwert	G.A. Dennis & Sons	Oct. 25, 1962	5	10	21	16 1/2	Sulphur	D	Sulphur at 20; flint 65; shale 70; flint 77. Water at 50.
Con V " 2	A. Mitchell	I. Smelser	Apr. 6, 1960	6	6	100	45	"	D	Yellow clay 19; brown limestone 3 1/2. Water at 31.
Con V " 2	U. Schaeffer	R.J. Gilbertson	Mar. 21, 1961	6	10	30	25	"	D	Grey clay 45; flint rock 122. Water at 95 and 69.
Con VI " 2	V. Haurin	H. Swayze	Mar. 18, 1963	6	15	54	44	"	D	Grey clay 20; hard flint rock 80. Water at 76.
Con VII " 3	V. Haurin	"	Jul. 15, 1963	6	2	50	37	Fresh	D	Grey clay 39; flint 120. Water at 117.
Con VII " 3	R. Williams	"	Aug. 10, 1963	6	1	48	25	"	D	Yellow clay 12; blue clay stones 25; flint 53. Water at 52.
Con VII " 3	C. Chelstian	"	Aug. 18, 1962	6	20	25	16	Sulphur	D	Yellow clay 34; flint 50. Water at 48.
Con VII " 3	School	"	May 18, 1962	6	20	25	16	Fresh	D	Old well 34; flint 55. Water at 52.
Con VII " 5	E. Chadock	"	Nov. 23, 1962	6	15	34	34	"	D	Old well 45; flint 61. Water at 59.
Con VII " 6	H. Vickers	"	Aug. 29, 1962	6	20	20	12	Sulphur	D	Grey clay 30; gravel 27; flint 60. Water at 57.
Con VII " 10	E. Schurr	"	May 5, 1960	6	20	25	25	"	D	Clay 12; flint 63. Water at 40.
Con VII " 20	H. W. Clarke	"	Oct. 2, 1960	6	20	25	25	"	D	Clay 12; flint 50. Water at 47.
Con VII " 24	L. Campbell	"	Jul. 12, 1961	6	7 1/2	24	24	"	D	Clay 11; flint 55. Water at 52.
Con VII " 3	J. Anderson	"	Aug. 12, 1961	6	7 1/2	24	24	"	D	Brown clay 14; flint 34. Water at 28.
Con VII " 3	B. Helka	"	Jul. 12, 1961	6	8	35	21	"	D	Grey clay 70; flint 50. Water at 77.
Con VII " 3	H. Swayze	"	Jun. 2, 1962	6	30	20	18	"	D	Old well 80; flint 95; limestone 128.
Con VII " 8	J. Wentzell	"	Dec. 6, 1960	7	2	45	18	"	D	Brown clay 8; flint 52. Water at 30 1/2.
Con VII " 8	I. Smelser	"	Jun. 23, 1962	7	2	45	18	"	D	Old well 31; flint 50. Water at 47.
Con VII " 8	E. McMurichie	"	Nov. 6, 1963	7	15	50	20	"	D	Brown clay 4; blue clay 13; flint 70. Water at 67.
Con VII " 16	R. Swing	E.A. Mitchell	Oct. 26, 1963	8 1/2	5	70	30	Sulphur	D	Clay 10; flint 50; brown limestone shale 75. Water at 52 and 73.
Con X " 21	A. McConachie	R. Swayze	Jul. 27, 1960	6	15	32	37	Fresh	D	Clay 2; flint rock 45; grey limestone 101. Water at 98.
Con X " 23	A. Rowntree	E.A. Mitchell	Nov. 23, 1963	6 1/2	20	15	13	"	D	Clay 10; flint 33. Water at 30.
Con XI " 11	D. Teal	R. Swayze	Oct. 20, 1961	6	1 1/2	49	15	"	D	Clay 14; flint 50. Water at 47.
Con XI " 11	L. Slack	"	Oct. 20, 1961	6	1 1/2	30	9	"	D	Yellow clay 11; flint 30. Water at 27.
Con XI " 1	G. Martin	R.J. Gilbertson	Jan. 27, 1963	6	9	40	40	"	D	Sand loam 6; clay 17; flint 65; sandstone 75; grey shale limestone 83. Water at 32 and 81.
Con XII " 3	E. Lister	E. Stewart	Jul. 6, 1962	5	3	77	23	"	D	Clay 33; brown limestone 77. Water at 77.
Con XII " 7	J. Kauk	R. Swayze	Jul. 5, 1962	6	15	37	26	"	D	Clay 32; flint 45; limestone 72. Water at 69.
Con XII " 7	F. Richardson	"	Apr. 18, 1963	6	20	30	15 1/2	"	D	Grey clay 30; flint 45; limestone 60. Water at 57.
Con XII " 13	"	"	Aug. 1, 1963	6	2	95	30	"	S	Yellow clay 17; flint 55; grey limestone 85; brown limestone 100. Water at 80.
Con XII " 15	D. Dallimonte	E.A. Mitchell	Sep. 14, 1963	6 1/2	2	50	23	"	D	Clay 9; flint 25; limestone shale 66. Water at 47 and from 55 to 66.
Con XIII " 1	J. Kauk	R. Swayze	Jun. 21, 1960	6	20	30	29	"	D	Shale 11; flint 56; limestone 75. Water at 72.
Con XIII " 1	W. Warus	R.J. Gilbertson	Dec. 11, 1961	6	9	30	25	"	D	Shale 6 1/2; grey limestone 22; sand stone 30; brown limestone 60; grey limestone 80. Water at 60 and 78.
Con XIV " 1	"	"	Dec. 20, 1961	6	9	25	20	"	D	Shale 3; grey limestone chert 23; sandstone 30; brown limestone 50. Water at 30 and 45.
Con XIV " 1	C. Williams	"	Nov. 14, 1963	6	30	35	35	"	D	Old well 40; grey brown limestone 90. Water at 83.
Con XIV " 6	P. Cooper & F. Aines	B. Helka	Oct. 14, 1960	6 1/2	30	30	25	"	D	Brown clay 5; brown limestone 48; blue limestone 53. Water at 47 1/2.
Con XIV " 6	"	"	Oct. 21, 1960	6 1/2	30	30	25	"	D	Brown clay 8; brown limestone 49; blue limestone 54. Water at 48.
Con XIV " 7	G.A. Dennis & Son Brethren In Christ Church	"	Jun. 25, 1963	5	8	34	32	"	P	Fill 3; shale limestone 33; limestone 54. Water at 45.

Walpole Twp. - cont.									
Con XIV	lot 9	H. Bengay	R. Swayze	Jul. 20, 1962	6	10	15	1	D
Con XIV	" 12	E.L. Johnson	E.A. Mitchell	Nov. 20, 1963	6 1/2	2	105	58	D
Con XV	" 1	L. Hayes	R.J. Gilbertson	Feb. 15, 1962	6	10	45	"	"
Con XV	" 3	W. Buckborough	E. Stewart	May 4, 1962	6 1/2	10	30	40	D,S
Con XVI	" 2	D. Price	G.A. Dennis & Sons	Feb. 3, 1961	5	16	80	20	Sulphur
Con XVI	" 2	F. Mattico	E. Stewart	Oct. 18, 1962	5	30	25	19	Fresh
Con XVI	" 6	J. Attwell	"	Dec. 12, 1962	5	10	18	18	Mineral
HURON COUNTY									
Ashfield Twp.	lot 8	E. Black	G.L. Davidson	Oct. 28, 1960	4	10	109	96	Fresh
ED Con II	" 6	I. Rivett	W.D. Hopper & Sons	May 28, 1962	4	10	98	90	D,S
ED Con V	" 6	G. Anderson	"	Nov. 4, 1960	4	6	135	90	"
ED Con VII	" 4	H. Walkins	G.L. Davidson	Jun. 17, 1963	4	10	65	49	"
ED Con X	" 2	J. Vanosch	"	Feb. 9, 1961	4	15	77	68	"
ED Con XII	" 2	H. Vanosch	"	May 5, 1961	4	15	70	60	"
PC NTP	" 14	R.C. School	"	Jul. 24, 1961	4	15	80	68	"
PC NTP	" 19	K. Richt Dev- elopment Co.	"	May 16, 1962	4	15	20	6	"
PC NTP	" 22	S. MacInnes	W.D. Hopper & Sons	Jul. 4, 1960	4	6	98	49	"
PC NTP	" 24	E. McDonald	G.L. Davidson	Aug. 1, 1961	4	10	82	70	"
TPA	"	A. Grenier	W.D. Hopper & Sons	Aug. 15, 1962	5	15	20	6	"
TPA	"	N. Dickson	G.L. Davidson	Oct. 27, 1961	4	12	67	60	"
WE Con VII	lot 7	L. Moerbeck	W.D. Hopper & Sons	May 22, 1962	4	12	82	75	D,S
WD Con X	" 6	T. VanDyken	"	Oct. 4, 1960	4	15	79	74	"
WD Con X	" 7	J. Austin	"	Jun. 19, 1961	5	13	80	62	"
WD Con XII	" 10	Twp. School Area	G.L. Davidson	Jan. 3, 1963	4	6	112	74	"
WD Con XIII	" 3	R. Farrish	"	Jul. 4, 1963	10	280	51	11	Fresh
Brussels Vlg.	"	P.U.C.	G.L. Davidson						"

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE *	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Colborne Twp. - cont. ED Con IV lot 1	W. Tantzen	G.L. Davidson	Jul. 31, 1963	4	6	200	182	Fresh	D, S	Clay 15; gravel 52; sand 82; clay 155; sand 168; brown rock 241. Water from 200 to 241.
ED Con IV " 2	E. Allen	Ladco Drilling	Aug. 2, 1963	4	10	150	145	"	D, S	Brown clay rock 15; gravel 23; grey clay rocks 165; light grey limestone 175. Water from 169 to 175.
ED Con IV " 6	K. Brindley	"	Aug. 6, 1963	4	10	95	80	"	D, S	Brown sandy clay 8; gravel 30; grey clay rocks 95; light grey limestone 190. Water from 170 to 180.
ED Con IV " 7	A. Etzler	"	Aug. 10, 1963	4	10	125	120	"	D, S	Brown clay 12; gravel 20; grey clay rocks 120; light grey limestone 190. Water from 185 to 190.
ED Con VII " 1	J. Bean	"	Jul. 18, 1963	4	6	200	190	"	D, S	Brown clay rocks 18; grey clay rocks 70; sand 130; grey clay rocks 218; light grey limestone 266. Water from 225 to 226.
ED Con VIII " 12	D. Haines	"	Oct. 10, 1962	4	8	115	112	"	D, S	Clay rocks 38; brown limestone 175. Water at 174.
ED Con VIII " 13	W. Reed	"	Dec. 6, 1962	4	19	75	70	"	D, S	Clay rocks and layers 120; rocks layers clay 147; brown limestone 54. Water at 152.
ED Con IX " 6	H. Watson	"	Dec. 2, 1962	4	10	70	65	"	D, S	Clay rocks 87; gravel 7; clay rocks 122; brown limestone 132. Water at 131.
ED Con IX " 15	B. Hakkers	G.L. Davidson	Oct. 8, 1963	4	6	140	133	"	D, S	Stony clay 28; quicksand 50; clay 58; clay sand 84; stony clay 124; brown soft shale 142; brown hard rock 184. Water at 184.
ED Con M " 19	C. Haaskant	W.D. Hopper & Sons	Aug. 20, 1963	5	9	82	78	"	D, S	Stony clay 4; coarse gravel 40; blue clay 63; hardpan 83; cemented gravel 86; loose limestone 88; brown limestone 147. Water from 140 to 147.
ED Con M " 27	B. Fisher	Ladco Drilling	Aug. 15, 1963	4	10	170	160	"	D, S	Brown clay rocks 20; grey clay rocks 60; sand 90; grey clay rocks 130; light grey limestone 225. Water from 210 to 220.
WD Con I " 1	C. McQue	W.D. Hopper & Sons	Nov. 12, 1962	4	10	160	130	"	D	Gravel 33; blue clay 100; blue stones 105; hardpan 125; brown rock 208. Water at 208.
WD Con V " 1	C. Brindley	G.L. Davidson	Jan. 4, 1962	4	20	189	160	"	D	Topsoil 1; clay 45; gravel 46; stony hardpan 135; shale 178; limestone 245. Water from 225 to 245.
WD Con VIII " 1	D. Bean	"	Apr. 29, 1960	4	5	210	193	"	D, S	Topsoil 1; yellow clay 15; hardpan sand 42; clay 90; hardpan 106; clay 175; hardpan 205; sand 222; shale 232; brown limestone 278. Water at 278.
WD Con XI " 8	M. Bogle	"	Oct. 11, 1963	4	8	70	68	"	D	Clay 54; sand gravel stones 80; clay stones 86; brown soft shale 90; brown hard limestone 92; brown soft shale 94. Water at 94.
WD Con XII " 2	S.J. Mabon	"	Oct. 20, 1963	4	5	170	148	"	D	Topsoil 1; fill 5; clay 31; sand 50; clay 60; sand 84; sand gravel 102; shale 126; rock 214. Water at 214.
WD Con XIII " 10	M. Hendriks	"	Nov. 7, 1960	4	12	95	88	"	D, S	Fill 3; clay 64; sandy gravel 78; shale 99; rock 130. Water at 130.
WD LRE " 9	B. Chisholm	"	Feb. 2, 1962	4	15	75	66	"	D	Topsoil 1; clay 58; shale 89; brown limestone 97. Water at 97.
WD LRE " 17	F. Rising	F.W. Jackson	Nov. 29, 1963	4	9	70	63	"	D	Old well 3; hardpan 15; blue clay 70; clay grit 82; buff limestone 98. Water at 95.
WD LRW " 2	J. Suzyk	W.D. Hopper & Sons	Dec. 14, 1961	4	10	90	85	"	D	Sand 15; blue clay 45; sand 52; blue clay 70; hardpan 94; brown limestone 158. Water at 158.
WD LRW " 12	C. Salter	"	Jul. 15, 1960	4	9	30	2	"	D	Yellow clay 5; blue clay 50; hardpan 55; loose rock 60; brown limestone 110. Water from 100 to 110.
WD LRW " 18	R.S. Rising	F.W. Jackson	Oct. 11, 1962	4	12	70	57	"	D	Fill 5; hardpan grit 15; blue clay grit 74; gravel clay 84; black limestone 97. Water at 90.
WD " B	Sky Harbour Air Service	W.D. Hopper & Sons	Jun. 8, 1961	8	8	30	8	"	P	Sand 4; gravel 18; clay 26; gravel 32; clay 42. Water from 9 to 18 and from 26 to 32.
WD " B	Texaco Can. Ltd.	"	Jul. 26, 1962	4	12	105	90	"	C	Yellow clay 26; blue clay 63; hardpan 106; stones gravel 140; brown rock 196. Water at 196.
WD " C	W. Fowler	"	Sep. 1, 1960	4	10	131	122	"	D	Sand 10; blue clay 80; stony clay 118; gravel 122; brown limestone 229. Water from 220 to 229.
WD " C	C. Ruhl	"	Oct. 22, 1962	4	10	30	24	"	D	Gravel clay 30; clay stones 39; shale 50; brown rock 89. Water at 89.
WDPR " C	D. Willis	Durham Drillers	May 30, 1963	4	15	150	140	"	D	Old well 8; soft grey clay 50; stony grey clay 100; sandy clay

Con	Twp.	Lot	A. Steep	W.D.Hopper & Sons	Dec. 30, 1963	4	8	140	135	Fresh	D	D
East Wawanosh Twp.	Con I	lot 28	R. Arthur	W.D.Hopper & Sons	Apr. 14, 1960	4	8	99	95	Fresh	D	Yellow clay 22; sand 35; brown clay stones 103; brown limestone 177. Water from 160 to 177.
	Con I	" 34	H. McClintchey	G.L. Davidson	Nov. 16, 1960	4	12	60	50	"	D, S	Old well 4; clay 18; sand 31; clay 55; hardpan 112; grey rock 142. Water at 142.
	Con II	" 35	W. Dalrymple	"	Nov. 28, 1963	4	10	72	68	"	D, S	Sand gravel 32; stony horizon boulders 146; brown soft shale 158; brown soft rock 170. Water at 170.
	Con IV	" 32	P. DeGroot	"	Mar. 13, 1963	4	8	90	70	"	D, S	Sand 4; hardpan 86; stony horizon 136; hardpan 168; brown hard limestone 175; blue medium hard rock 184; brown medium hard limestone 205; Water at 205.
	Con V	" 28	E. Rogers	W.D.Hopper & Sons	Nov. 10, 1960	4	9	45	33	"	D, S	Clay stones 26; horizon stones 89; sandy clay 96; brown limestone 126; black rock 160. Water from 140 to 160.
	Con V	" 32	J. Snell	G.L. Davidson	Dec. 9, 1960	4	6	100	89	"	D, S	Sand 25; gravel 42; sand 64; horizon boulders 91; clay 114; stony clay 135; soft brown rock 175. Water at 175.
	Con V	" 38	R. Noble	"	Mar. 15, 1962	4	12	90	74	"	D, S	Sandy gravel 42; horizon 64; clay 96; sand 108; stony horizon 116; sand gravel 166; brown soft shale 170; brown medium hard rock 198. Water at 198.
	Con V	" 42	C. Wheeler	"	Dec. 6, 1963	4	10	72	70	"	D, S	Old well 42; sand gravel 52; stony horizon 114; brown soft shale 144; brown soft rock 160. Water at 160.
	Con VI	" 36	W. Taylor	"	Jan. 4, 1962	4	15	36	23	"	D, S	Sand gravel 18; horizon sand gravel stones 48; brown shale 108; brown hard limestone 145. Water from 135 to 145.
	Con VIII	" 32	R. Robinson	"	Jan. 20, 1962	4	9	96	78	"	D, S	Clay sand 8; stony horizon 36; clay sand gravel 112; brown shale clay 132; brown hard limestone 181. Water at 181.
Con IX	Con IX	" 28	E. Snowden	"	Oct. 21, 1961	4	12	78	60	"	D, S	Stones fill 4; clay sand 40; hardpan clay sand 113; grey shale 191; brown shale 201; brown limestone 222. Water at 222.
	Con IX	" 40	J.D. Anderson	"	Aug. 23, 1962	4	10	75	56	"	D, S	Topsoil 1; red clay 6; stony gravel 15; hardpan 30; gravel horizon 40; horizon 85; stony horizon 92; soft brown shale 125. Water at 125.
	Con IX	" 41	G. Pengelly	R.H. Gadke	Nov. 1, 1960	4	7	81	80	"	D, S	Boulders top clay 52; gravel sand 70; brown shale 90; brown limestone 125. Water at 120.
	Con XII	" 37	H. Walker	G.L. Davidson	Jan. 3, 1961	4	12	55	45	"	D, S	Sand gravel 42; horizon 68; stony horizon 78; shale 105; grey limestone 130. Water at 130.
	Con XII	" 37	L. Scott	"	May 29, 1963	4	6	70	38	"	D, S	Gravel stones 29; stony horizon 79; brown soft shale 120; brown medium hard shale 141.
	Con XIII	" 42	R. Arbuckle	"	Aug. 29, 1961	4	20	30	17	"	D, S	Old well 15; sand gravel 16; horizon 69; shale 74; brown rock 103. Water at 103.
	Con XIV	" 34	A. Coulter	G.L. Davidson	Feb. 13, 1963	4	12	70	65	"	S	Sand gravel 18; horizon 58; soft clay 112; hard clay 150; brown soft shale 168; brown medium soft limestone 183. Water at 183.
	Con XIV	" 36	C. Cherniavski	"	Jan. 12, 1961	4	12	24	12	"	D, S	Sandy gravel 54; shale 79; hard brown rock 110. Water at 110.
	Con XIV	" 41	R. Burchill	"	Apr. 11, 1962	4	12	45	32	"	D, S	Old well 6th horizon 52; gravel horizon 60; horizon 97; shale 104; brown rock 129. Water from 120 to 129.
	Con XIV	" 42	H. Hutton	"	Mar. 25, 1963	4	10	20	11	"	D, S	Topsoil 1; boulders 3; gravel stones 26; horizon 52; brown soft shale 68; brown medium hard shale 101. Water at 101.
Goderich Twp				M. Armistead	Aug. 30, 1963	4	10	185	168	Fresh	D	Brown clay 14; fine sand 24; grey clay 30; fine sand 36; grey clay rocks 118; brown limestone shale 195. Water from 188 to 193.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Goderich Twp.										
lot 1	J. Hughes	P.W. Jackson	Oct. 24, 1963	4	12	65	40	Fresh	D	Clay fill 2; blue clay grit 50; blue clay rock 105; limestone 123; water at 110 and 120.
" 2	J.D. Lindsay	"	Jan. 24, 1962	4	12	83	35	"	D	Old well 50; blue clay 80; rock clay 90; blue clay 100; shale 103; fired clay 118. Water at 116.
" 45	B. Welsh	W.D. Hopper & Sons	Sep. 7, 1963	4	8	225	220	"	D, S	Yellow clay 30; sand 35; blue clay 60; stony hardpan 96; loose rock 99; brown limestone 270. Water from 280 to 270.
Con I	J. Spoor	"	Sep. 8, 1960	4	12	68	54	"	D	Blue clay 90; gravel 102; blue clay stones 230; gravel 240; hardpan 215; gravel 320; hardpan 337; gravel 350. Water from 337 to 350.
Con I	D. Clich	"	Aug. 8, 1961	4	12	86	74	"	D	Sandy clay 18; blue clay stone 97; hardpan 124; gravel 129; cemented gravel rock 152. Water at 152.
Con I	R.C. Hays Jr.	"	May 23, 1961	4	10	58	47	"	D	Yellow clay 2; blue clay 76; hardpan 89; brown rock 149. Water from 140 to 149.
Con I	H. Anderson & M. Anderson	"	Apr. 28, 1961	4	12	52	44	"	P	Fill 3; sand 12; coarse gravel stones 28; grey clay stones 106; brown limestone 157. Water from 150 to 157.
Con I	N. Fuller	P.W. Jackson	Apr. 5, 1962	4	12	83	42	"	D	Clay loam 2; sand 12; blue clay 85; rock 95; hard clay grit 112; limestone 130. Water at 12, 85 and 120.
Con I	W. Elliott	W.D. Hopper & Sons	Apr. 18, 1960	4	6	65	50	"	D	Clay 90; stony hardpan 105; grey limestone 152. Water from 140 to 152.
Con I	G. Crane	"	Jul. 14, 1960	4	10	48	41	"	D	Yellow clay 25; blue clay 90; clay stones 115; loose rock 140; brown rock 156. Water from 145 to 156.
Con I	M. Straughan	P.W. Jackson	Apr. 14, 1962	4	12	74	50	"	D	Clay loam 3; yellow clay 15; blue clay 80; rock gravel sand 107; red rock 127. Water at 90 and 120.
Con I	W.S. Clark	"	Jun. 2, 1962	4	12	115	34	"	D	Black loam clay 2; yellow clay hardpan 16; blue clay 60; clay grit 120; grit clay 152; limestone 155. Water at 153.
Con I	H. Galbraith	"	Aug. 22, 1963	4	12	40	31	"	D	Black loam 2; hardpan 10; blue clay 72; rock boulder 75; blue clay gravel 103; limestone 107. Water at 104.
Con I	W. Nafel	W.D. Hopper & Sons	Jul. 26, 1960	4	10	52	27	"	D	Blue clay 85; stones clay 115; brown limestone 152. Water from 130 to 150.
Con I	P. Heitbohrer	"	Oct. 16, 1961	4	10	40	33	"	D	Blue clay stone 68; hardpan 86; brown rock 117. Water from 115 to 117.
Con II	G. Ameroso	"	Feb. 19, 1961	4	10	55	49	"	D	Yellow clay 36; blue clay 94; hardpan 106; brown limestone 147. Water from 140 to 147.
Con II	H. Fuller	P.W. Jackson	Mar. 15, 1963	4	10	45	30	"	D	Hardpan 12; blue clay 80; clay grit rock 109; limestone 133. Water at 80 and 120.
Con II	A. Leitch	W.D. Hopper & Sons	Aug. 16, 1961	4	4	45	42	"	D	Blue clay 25; sand 38; clay stone 72; sand 102; gravel 115; rock. Water from 102 to 115.
Con V	E. Marshall	P.W. Jackson	Dec. 13, 1961	4	6	160	138	"	D	Clay loam 3; yellow clay grit 15; sand clay grit 50; clay grit sand 120; clay limestone shale 158; limestone 195; limestone black rock 213. Water at 15, 120, 195 and 210.
Con VI	A. Bettles	"	Apr. 6, 1963	3	3	163	153	"	D	Sandy loam 3; yellow clay 10; clay sand 50; clay grit 120; gravel boulders 183; buff rock 199. Water at 50, 144, 183 and 190.
Con VII	E. Cox	"	Nov. 30, 1961	4	6	230	201	"	D, S	Dark clay loam 2; yellow clay 10; blue clay 65; sand 100; clay sand grit 160; clay grit rock 187; limestone sandstone 255. Water at 65, 227 and 255.
Con VII	J. Vanninhuys	"	Nov. 2, 1963	4	8	175	175	"	D	Clay loam 2; hardpan stone 15; blue clay 75; sand clay grit 190; rock grit 215; buff rock 255. Water at 225 and 250.
Con VIII	W. Riddell	"	Jul. 31, 1963	4	4	200	200	"	D	Clay loam 2; hardpan 20; blue clay 80; clay sand 180; clay grit 196; limestone 218. Water at 200.
Con IX	E.N. Grigg	"	Apr. 18, 1963	4	6	253	253	"	D	Clay loam subsoil 2; brown hardpan grit 15; blue clay 100; clay grit 183; rock grit sand 200; limestone 220; buff rock 276. Water at 266.

Goderich Twp. - cont. lot 23	Con XV	R.E.Thompson	W.D.Hopper&Sons	Nov.28,1960	4	7	240	234	Fresh	S	Old well 30; sand 97; hardpan 126; brown limestone 254. Water at 240 to 254. clay grit 15; clay grit 40; clay gravel 55; clay loam 60; buff clay rock 109; limestone 115. Water at 110. Topsoil 1; brown sandy clay 15; brown sand 30. Water at 18. Subsoil 1; stones clay 4; yellow clay grit 16; clay sand 50; gravel sand 90; clay grit 106; limestone 126. Water at 50 and 115. Old well 4; sandy clay 9; blue clay 22; stones 26; clay 55; sandy clay 12; hardpan 92; limestone 118; grey limestone 129. Water at 129 to 129. Grit 20; sand 50; blue clay grit 105; boulders clay shale 112; limestone 122. Water at 115. Old well 2; clay stones 53; gravel 62; brown limestone 117. Water from 100 to 117. Topsoil 1; brown sand 14. Water at 5. Black loam 1; yellow clay stone 20; clay 85; clay grit 92; grey stone 100. Water at 85 and 92. Old well 2; boulders gravel clay 35; blue clay 90; shale sand 100; limestone 123. Water at 111. Grit 13; sand 35; gravel 39; hardpan 57; limestone 138. Water at 71 and 122. Black subsoil 2; yellow clay stones 10; blue clay grit 30; gravel 40; sand 100; rock sand 104; limestone 117. Water at 40 and 109. Black loam 3; yellow clay grit 15; blue clay grit sand 25; blue clay sand 97; hard rock 118. Water at 25 and 109. Clay loam 1; hardpan 15; sand grit 55; sand grit clay 95; rock clay 104; limestone 112. Water at 106. Black loam 2; yellow clay 12; blue clay grit 65; quicksand clay 18; blue stone 124; clay sand stone gravel 149; sandstone rock 180; limestone 206. Water at 45, 180 and 200. Hardpan 40; sand 132; hardpan 151; brown limestone 216. Water from 200 to 216. Clay stones 37; sand 49; sandy clay 86; stony clay 166; grey rock 226. Water from 225 to 230. Sand 60; clay 95; shale 12; grey hard rock 151. Water at 151. Sand 62; clay stones 93; hardpan 109; brown rock 130. Water at 130. Clay loam 2; brown clay 15; sandy clay 40; rock's clay 100; 209. blue clay grit 160; shale 180; clay gravel 201; limestone 204. Water at 204.
Grey Twp. Con I	lot 26	K. Vanloo	G.L. Davidson	Mar.24,1961	4	15	20	6	Fresh	D,S	Sand 10; clay 42; sand 40; hardpan 76; gravel 78; hardpan 105; sand grit 123; shale 118. Water at 138. Hardpan 4; sand gravel 18. Soft brown shale 75; soft brown limestone 122. Water at 129. Sand 20; hardpan 100; clay 140; shale 149; dark brown rock 170; light brown rock 188. Water at 188.
Con I	" 40	S. Edgar	"	Aug.19,1963	4	12	35	29	"	S	
Con I	" 46	M. Mitchell	"	Apr.19,1960	4	12	36	30	"	D,S	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	SPRING LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Grey Twp. - cont.										
Con I	lot 48 Molesworth Cheese&Butter Co-op	C. Keeso	Sep. 24, 1960	4	20	18	17½	Fresh	In	Topsoil 3; hardpan boulders 8; clay gravel 52; gravel limestone 78; brown shale 84; brown limestone 117. Water from 110 to 117.
Con I	" 53 B. Mitchell	G.L. Davidson	exp. 1, 1960	4	10	36	20	"	D, S	Pit 5; hardpan 33; shale 57; light brown rock 106. Water at 106.
Con II	" 11 B. Hayden	C. Keeso	Feb. 8, 1963	4	18	40	39	"	D, S	Dry well 6; sandy clay gravel 28; hardpan 45; sandy clay gravel 84; brown shale 106; brown limestone 150. Water from 140 to 150.
Con II	" 32 C. Holmes	Hadco Well Digging	Sep. 6, 1961	30	4	19	10	"	D	Topsoil 2; brown clay 5; brown sand 9; gravel 10; brown sand boulders 14; grey clay 19. Water at 9 and 12.
Con VI	" 29 J. Purvis	C. Keeso	Apr. 3, 1961	4	19	22	21	"	D, S	Old well 20; hardpan boulders 29; sandy gravel 104; brown shale 244; brown limestone 252. Water at 252.
Con VII	" 18 C. Raynard	G.L. Davidson	Sep. 8, 1960	4	15	36	29	"	D, S	Topsoil 6; hardpan 38; coarse sand 54; red shale 91; brown limestone 117. Water at 117.
Con VIII	" 22 G. Brown	Durham Drillers	Feb. 7, 1961	4	10	30	23	"	D	Gravel hardpan 20; gravel 23; sand gravel 87; brown limestone 111. Water at 105.
Con VIII	" 23 R. Cunningham	W.D. Hopper&Sons	Jun. 28, 1961	4	12	30	28	"	C	Pit 5; yellow clay 17; sandy clay 28; stony clay 55; hardpan 66; brown limestone 127. Water from 115 to 127.
Con IX	" 7 A. Moses	E.A. Keeso	Nov. 14, 1963	4	15	23	19	"	D, S	Dark sand clay 8; hardpan boulders 24; hard brown limestone sand 45; hard brown limestone 60. Water from 55 to 60.
Con X	" 10 N. Hoover	Durham Drillers	Feb. 27, 1961	4	18	20	16	"	S	Clay boulders 30; hardpan boulders 39; hard brown limestone 50; grey limestone 81. Water at 79.
Con XI	" 1 G. Wesenberg	C. Keeso	Sep. 28, 1963	4	12	25	17½	"	D	Old well 18; hardpan 28; brown shale 65; blue limestone 104; brown limestone 128. Water from 110 to 128.
Con XI	" 1 W.I. Armstrong	"	Oct. 8, 1963	4	12	23	22½	"	D	Old well 16; sandy clay gravel 29; brown shale 79; brown limestone 118; sandy limestone 135. Water from 122 to 133.
Con XI	" 6 S.S.# 1. Grey	Durham Drillers	Apr. 7, 1961	4	16	17	14	"	P	Clay boulders 29; hardpan 43; brown limestone 79. Water at 76.
Con XI	" 15 N. Pfeifer	P.W. Jackson	Apr. 13, 1961	4	10	30	10	"	D	Clay light brown 2; yellow brownish clay grit 15; blue clay grit gravel 41; limestone 43; grey shale 63. Water at 43.
Con XII	" 3 B. Speir	Durham Drillers	Mar. 15, 1961	4	7	15	10	"	D, S	Topsoil 2; clay boulders 43; hardpan 49; brown limestone 92. Water at 79.
Con XV	" 4 J. Nolan	W.D. Hopper&Sons	Nov. 7, 1961	4	13	35	34	"	D, S	Pit 4; sand 9; blue clay stones 35; sand 43; hardpan 70; gravel stones 77; brown limestone 111; grey limestone 124; brown black limestone 139. Water from 130 to 139.
Con XVIII	" 1 H. Travis	"	Sep. 6, 1960	4½	10	15	10	"	D	Topsoil fill 3; yellow clay 10; blue clay 25; hardpan 69; loose rock 74; brown limestone 90; black white rock 104. Water from 100 to 104.
Con XVIII	" 1 Grey Twp School Area 2	"	Jun. 6, 1962	4	12	32	27	"	P	Clay stones 43; gravel 47; clay stones 70; grey rock 117. Water at 117.
Con XVIII	" 1 D. Ennis	C. Keeso	Nov. 14, 1962	4½	15	26	25	"	D	Topsoil 4; clay 45; sandy hardpan 60; sandy shale 70; hard rock 80; brown rock 125. Water from 118 to 125.
Con XVIII	" 1 L. Murray	"	Nov. 28, 1962	4½	15	26	25	"	D	Top clay 4; brown clay 45; sandy hardpan 60; sandy shale 70; hard rock sand 80; brown rock 125. Water from 118 to 125.
Hay Twp. Con I	lot 2 Huron Tractor & Equipment Co.	W.D. Hopper&Sons	May 28, 1961	6	24	26	25	Fresh	C	Topsoil 1; sandy clay 4; yellow clay 10; blue clay 36; stony gravel 56; hardpan 65; blue clay 90; hardpan 104. Water from 36 to 56.
Con I	" 12 R. Pryde	Hadco Well Digging	May 11, 1962	27½	8	45	28	"	S	Topsoil 1; brown sand clay 5; brown clay 11; blue clay stones 33; brown sand 36; blue clay gravel 45; gravel 46. Water at 45.
Con III	" 9 L. Simpson	W.D. Hopper&Sons	Sep. 13, 1961	4	7		272	"	D, S	Clay stones 42; blue clay 70; cemented gravel 76; brown rock 302. Water from 100 to 402.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Huron County - cont.										
Huron Twp. - cont.										
LEC lot 16	C. Alford	R. Hudson	Jun.17,1963	36			21	Fresh	D	Brown clay 15;blue clay 36. Water at 36.
LEC " 16	J.R. Pilewicz	"	Jun.18,1963	36				"	D	Brown clay 3;gravel 8;blue clay 20. Dry hole.
LEC " 16	J.R. Browning	"	Jun.18,1963	36			16	"	D	Brown clay 12;blue clay 16;gravel 18;blue clay 24. Water at 16.
LEC " 20	I. Desjardine	P.W. Jackson	Nov. 8,1963	4	12	55	48	"	D	Clay loam 2;hardpan grit 20;blue clay 90;stone clay rock 145; limestone 155. Water at 120 and 145.
LEC " 25	R.E. Wilton	A.A. Heal	Sep. 3,1960	4	6	50	43	"	D	Topsoil yellow clay 1;grey clay 112;hardpan limestone 120. Water from 116 to 120.
LEC " 25	I. Pierce	"	Jun.18,1963	4	5	77	37	"	D	Fill topsoil yellow clay 15;blue clay 107;hardpan 111; limestone 114;soft limestone blue shale streaks 124;limestone 150. Water at 128 1/2.
LEC " 27	M. Turnbull	"	Jun.15,1961	6	6	50	12	"	P	Fill topsoil sandy clay 12;clay 70;loose limestone 73; limestone 78. Water from 70 to 74.
LEC " 32	W. Hyatt	W.D.Hopper & Sons	Mar. 5,1960	4	4	70	60	Sulphur	D	Clay 75;hardpan 84;grey limestone 87. Water at 87.
LEC " 20	G. Gengerich	Hadco Well Digger	Oct.30,1961	27 1/2	2	57	49	Fresh	D	Topsoil 1;brown clay 17;blue clay 28;brown sand 31;blue clay 49;brown coarse sand 58;brown clay. Water at 49.
TRN " 22	K. Kellar	"	Jun.18,1963	27 1/2	2	30	20	"	D	Topsoil 1;brown clay 15;blue clay 31;brown sand 32. Water at 31.
TRN " 22	G. Kraft	"	Jun.18,1963	27 1/2	2	28	6	"	D	Topsoil 1;sand 5 1/2;gravel 6;blue clay 30. Water at 6.
TRN " 23	H. Schroeder	A.A. Heal	Nov. 3,1962	5	6	175	175	"	D	Topsoil gravelly clay 22;blue clay 25;boulders 26;clay sand 35;clay gravel 90;clay 95;gritty clay 117;loose limestone sand 118;limestone 180. Water at 178.
TRN " 23	Dashwood Planing Mills	Hadco Well Digger	Jul.17,1963	30	4	60	9	"	P	Gravel 1;brown sand 9;blue clay 23;gravel 25;blue clay 42; blue sand 47;blue clay 55;blue sand 59;grey sand blue clay 69. Water at 9, 23, 42, 56 and 69.
Howick Twp.										
Con A lot 26	R. Ingram	C. Keeso	May 1, 1962	4	18	11	10	Fresh	D	Old well 10;sand gravel 44;hardpan 55;brown sahel 79;brown limestone 138. Water from 130 to 138.
Con A " 27	E. Sharpe	Water WellDrilling	Dec. 6,1963	5	10	20	20	"	D	Gravel 49;brown limestone 85. Water at 85.
Con A " 28	P.&J. Kerr	C. Keeso	Aug.24,1962	4 1/2	18	15	13	"	D	Old well 15;hardpan 43;clay 65;shale 84;brown limestone 112. Water from 100 to 112.
Con B " 25	Ont.Dept.of Highways	C.Goodberry Well Drilling Ltd.	Nov.23,1960	6	20	20	11	"	P	Topsoil 1;hardpan 22;clay 43;hardpan 57;gravel boulders 78; grey limestone 133 1/2. Water at 125.
Con C " 36	J.&C.Taylor Bros.	C. Keeso	Aug.29,1962	4	18	23	20	"	D,S	Topsoil 2;white clay 34;hardpan gravel 46;brown shale 94; brown limestone 147. Water from 130 to 147.
Con III " 3	R.I.Jones	"	Jul.28,1962	4	18	21	14	"	D,S	Sand gravel 28;brown shale 95;soft brown limestone 105; brown limestone 148;hard brown limestone 160. Water from 155 to 160.
Con III " 24	I. Gibson	E.A. Keeso	Nov.23,1960	4	15	13	11	"	D,S	Old well 22;clay gravel 47;gravel 54;shale 68;brown limestone 92;white limestone 132. Water at 132.
Con IV " 9	G. Burgess	"	Dec. 2,1961	4	15	26	24	"	D,S	Gravel clay stones 18;gravel clay 42;brown shale 69;brown limestone 72. Water at 72.
Con VI " 1	R. Sanderson	C. Keeso	Oct.11,1962	4	18	23	22	"	D,S	Topsoil 2;sand 12;white clay 34;brown clay gravel 46;brown limestone 88;white limestone 162. Water from 140 to 162.
Con VI " 11	J. Vandkemp	E.A. Keeso	Oct.13,1960	4	19	31	30	"	D,S	Clay 71;gravel clay 79;brown shale 91;white-limestone 120. Water at 120.
Con VII " 19	L.L.Siefert	"	Jun.18,1962	4	14	18	9	"	D,S	Previously drilled 119;hard grey rock 148. Water from 145 to 148.
Con VII " 20	G. Pettendick	"	Jun. 2,1960	4	14	9	7	"	D	Clay boulders 47;brown shale 68;hard white limestone 72. Water at 72.
Con VII " 20	W. Clyne	"	Oct. 5,1960	4	15	22	19	"	D	Old well 16;clay gravel 39;gravel 46;brown shale 50;hard white brown limestone 102. Water at 102.
Con VII " 21	G. Martin	C.Keeso	Sep.10,1963	4	14	31	27	"	D	Topsoil 2;clay 25;hardpan 60;sandy clay 80;brown shale 102. Water from 102 to 105.

Con VII	lot 21	D. Dinmore	C. Keeso	Apr. 5, 1963	4	15	11	Fresh	D	
Con VII	" 21	C.W. D'Arcey	"	Apr. 11, 1963	4	15	19	"	D	Old well 18; sandy clay gravel 32; hardpan 55; brown shale 79; hard brown limestone 132; brown limestone. Water from 135 to 155.
Con VII	" 26	H. Espensen	Water Well Drilling	Aug. 23, 1962	4	8	8	"	D	Old well 19; sand gravel 32; clay 65; brown shale 70; brown limestone 92. Water at 92.
Con VIII	" 5	R. Stevens	E.A. Keeso	Feb. 22, 1962	4	12	18	"	D	Old well 10; clay hardpan 30; blue shale 49; white limestone 64. Water at 64.
Con VIII	" 5	G. Moir	"	Mar. 3, 1962	4	12	12	"	D	Gravel clay 16; gravel stones 24; brown shale 34; brown limestone 113. Water at 113.
Con VIII	" 6	T. McInnes	"	Jun. 8, 1961	4	14	25	"	D	Clay gravel 21; gravel stones 38; brown shale 54; brown limestone 112. Water at 112.
Con VIII	" 17	G. Steimacker	Water Well Drilling	May 10, 1962	4	10	13	"	D, S	Old well 27; clay gravel 54; brown shale 67; brown limestone 91. Water at 91.
Con IX	" 4	W. King	C. Keeso	Oct. 4, 1962	4 1/2	17	16	"	D, S	Sandy gravel 30; hardpan 66; brown white limestone 94. Water from 100 to 111.
Con IX	" 14	R.L. Stephens	"	Aug. 17, 1962	4 1/2	16	11 1/2	"	D, S	Topsoil 2; brown clay 38; shale rock 48; brown limestone 86. Water at 85.
Con IX	" 17	Central School	Water Well Drilling	May 6, 1963	7	58	22	"	P	Topsoil 8; hardpan 39; gravel boulders 71; loose brown limestone 85; hard brown limestone 109; grey brown limestone 255. Water at 112, 172 and 252.
Con IX	" 20	R. David	C. Keeso	Nov. 1, 1962	4	12	61	"	D, S	Topsoil 2; hardpan boulders 96; brown sand shale 119; hard brown limestone 162. Water from 140 to 162.
Con IX	" 24	M. Donaldson	E.A. Keeso	Aug. 3, 1960	4	12	24	"	D, S	Stones clay 8; hardpan 32; gravel hardpan boulders 96; grey shale sand 114; grey limestone 132. Water at 132.
Con X	" 19	C. Cullen	R.H. Gadke	Sep. 29, 1961	4	8	32	"	D, S	Clay boulders 80; sand 108; brown limestone 149; grey limestone 152. Water from 149 to 150.
Con X	" 20	W. McElwain	E.A. Keeso	Apr. 18, 1963	4	15	6	Flows	D	Old well 24; grey brown shale 27; grey hard limestone 95. Water at 95.
Con X	" 24	G.W. Greer	C. Keeso	Jul. 12, 1963	4	10	60	"	D, S	Topsoil 3; hardpan gravel 68; brown sandy shale 94; hard brown limestone 148; white limestone 161; soft brown limestone 181. Water from 148 to 181.
Con XI	" 32	E. Murray	E.A. Keeso	Nov. 7, 1960	4	14	22	"	D, S	Old well 19; hardpan stones 38; clay gravel 59; sand 72; shale 80; grey limestone 104. Water from 101 to 104.
Con XII	" 30	H. Litt	G.L. Davidson	Mar. 16, 1962	4	16	40	"	D, S	Old well 31; sand 40; hardpan 45; stony hardpan 95; grey hard rock 125; sand soft rock 135. Water at 135.
Con XV	" 18	R.H. Gadke	Water Well Drilling	May 31, 1962	4	10	8	"	D	Topsoil 12; sand gravel 86; hardpan boulders 120; brown limestone 142. Water at 140.
Con XV	" 20	S. Douglas	"	Nov. 5, 1963	4	10	30	"	D, S	Dug well 15; gravel sand 75; hardpan stones 129; brown limestone 150. Water at 150.
Con XV	" 33	M. Greenley	E.A. Keeso	Feb. 13, 1962	4	15	12	"	D, S	Stony clay gravel 40; hardpan 71; brown shale 91; hard brown limestone 130. Water from 125 to 130.
Con XVI	" 15	R. Allen	Water Well Drilling	Mar. 13, 1962	4	8	23	"	D, S	Topsoil 10; gravel 38; hardpan boulders 80; loose brown limestone 84; brown white limestone 144. Water at 140.
Con XVII	" 27	J. Milligan	E.A. Keeso	Apr. 5, 1963	4	14	21	"	D, S	Hardpan 45; gravel sand 58; shale 68; hard grey limestone 101. Water at 101.
Con XVII	" 28	H. Kaufman	"	Jun. 26, 1962	4	14	30	"	D, S	Gravel stones 27; hardpan boulders 61; gravel sand 68; brown shale 76; hard grey rock 121. Water at 121.
Con XVII	" 32	E. Keller	"	Nov. 27, 1963	4	18	56	"	D, S	Old well 37; hardpan stones 98; gravel stones 132; sandy gravel 161; grey shale 172; grey limestone 185. Water at 185.
Con XVIII	" 29	J. Douglas	"	Oct. 18, 1961	4	15	46	"	D, S	Clay 21; clay boulders 32; gravel clay stones 73; blue brown limestone 96; brown limestone 101. Water at 101.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Hullett Twp. - cont. Con I " 6 " 7	W. Livingston A. Veensra	W.D. Hopper & Sons	Jan. 30, 1960 Jan. 12, 1961	4 4	6 3	44 279	40 277	Fresh "	D, S D, S	Clay stones 87; limestone 118. Water from 100 to 118. Yellow clay 26; stony clay 83; gravel 90; brown rock 284. Water from 280 to 284.
Con I " 17	C. Brandon	Hadco Well Digging	Jul. 26, 1962	30	4	19	12	"	D, S	Topsoil 11 brown clay 4; sand gravel 5; brown clay 7; grey sandy clay 12 brown sand 16; grey clay 20. Water at 12.
Con I " 20	C. J. Brandon	F. C. Jackson	Sep. 6, 1962	5	12	131	131	"	D	Clay loam 3; hardpan 15; blue clay grit 50; sand 100; blue clay grit 12; shale clay 13; limestone 148. Water at 135.
Con I " 21	Heerne Wholesale	W.D. Hopper & Sons	Oct. 15, 1962	4	7	275	265	"	P	Old well 30; clay stones 67; hardpan 122; grey limestone 310. Water from 300 to 310.
Con III " 2	O. Wright	"	Feb. 28, 1963	4	10	60	37	"	D, S	Stones clay 45; grey rock 65; black rock 85. Water from 80 to 85.
Con IV " 26	J. A. Woon	Hadco Well Digging	Nov. 29, 1963	30	2	24	20	"	D	Topsoil 2; clay 8; sand 25; gravel 26. Water at 20.
Con V " 18	L. Haasjes	F. C. Jackson	Apr. 26, 1963	4	6	90	90	"	D	Open pit 5; sand 35; clay sand 80; gravel rock 115; limestone 134. Water at 115 and 130.
Con V " 20	J. Flynn	"	Nov. 23, 1962	4	10	80	70	"	D	Pit 6; red sand clay 30; blue clay 105; gravel rock 123; limestone 127. Water at 105 and 123.
Con IX " 27	N. Vincent	"	Oct. 3, 1962	4	10	43	35	"	D	Clay loam 1; clay grit 10; clay stones 40; clay grit 69; rock 71; limestone 78. Water at 74.
Con XI " 11	Leiper Bros.	W.D. Hopper & Sons	Nov. 15, 1962	4	14	32	29	"	D, S	Overburden 7; yellow clay 24; sand 29; hardpan 51; brown grey limestone 129. Water from 110 to 129.
Con XI " 15	B. Wallace	C. Keeso	Aug. 25, 1962	4 1/2	18	32	30	"	D, S	Topsoil 3; clay gravel 35; sandy clay boulders 68; brown shale 90; brown limestone 140. Water from 132 to 140.
Con XI " 36	R. Gross	W.D. Hopper & Sons	Sep. 8, 1962	4	10	82	78	"	D, S	Yellow clay stones 42; gravel 56; clay stones 175. Water at 175.
Con XII " 16	S. S. # 7.	"	Mar. 22, 1962	4	14	30	28	"	P	Fill sand 7; clay 24; gravel 28; clay stones 55; hardpan stones 90; stones 95; clay sand 127; brown limestone 140; white limestone 158. Water from 147 to 158.
Con XII " 32	E. Hunking	"	Jun. 15, 1963	5	10	96	93	"	D, S	Sand 10; blue clay 50; hardpan 60; gravel 65; hardpan 70; rock 83; brown limestone 165. Water from 135 to 165.
Con XIII " 13	F. Konarski	G. L. Davidson	May 27, 1962	4	9	55	46	"	D, S	Sand gravel boulders 16; stony hardpan 86; hardpan 101; streaks brown yellow shale 128; brown soft limestone 146. Water at 146.
Con XIV " 1	H. McClure	W.D. Hopper & Sons	Sep. 28, 1962	4	12	36	15	"	D, S	Clay stones 40; hardpan 62; brown rock 125. Water from 120 to 125.
Con XIV " 21	F. Bainton	G. L. Davidson	Jul. 24, 1963	6	60	83	73	"	S, In	Sand 22; quicksand 52; sand gravel boulders 70; gravel stones hardpan 90; hardpan boulders 124; soft light brown shale 138; brown medium hard rock 212; blue brown soft rock 216. Water at 216.
Con XIV " 25	L. Popp	W.D. Hopper & Sons	Sep. 20, 1962	4	10	50	45	"	D, S	Gravel 34; clay stones 68; sand 73; clay stones 114; gravel 119; grey rock 166. Water from 150 to 166.
Con XIV " 38	B. Doer	G. L. Davidson	Nov. 9, 1960	4	12	55	48	"	D, S	Clay 20; sand 38; clay 52; sand 71; hardpan 101; grey rock 136. Water at 136.
Con XIV " 44	Community Centre	W.D. Hopper & Sons	Nov. 7, 1961	4	10	120	115	"	P	Clay stones 12; sand 18; clay stones 47; sand 72; hardpan 117; brown rock 185. Water from 170 to 185.
Con XIV " 45	A. Kirkconnell	"	May 17, 1961	4	7	130	115	"	D	Clay 18; sand 52; clay 81; sand 108; clay stones 128; grey rock 184. Water at 148 and 184.
MB " 5	G. Youngblut	"	Jun. 7, 1963	4	10	52	50	"	D	Yellow clay stones 20; hardpan 57; gravel 70; stony hardpan 100; brown limestone 150. Water from 140 to 150.
McKillop Twp. Con I " 7	D. Raebco	W.D. Hopper & Sons	Feb. 26, 1961	4	10	40	30	Fresh	D, S	Yellow clay 27; stony clay 56; gravel 55; grey limestone 136.

Con	J. Powell	W.D. Hopper & Sons	Nov. 30, 1962	4	9	55	50	Fresh	D, S	Topsoil 1; yellow clay 12; blue clay 40; hardpan 80; loose rock 83; brown limestone 100. Water from 90 to 100.
Con I	10F 35	"	Dec. 22, 1960	4	12	20	16	"	D, S	Clay fill 8; sandy clay 47; clay stones 65; hardpan 95; brown limestone 130; white limestone 146. Water from 135 to 146.
Con II	" 15	P.W. Jackson	Dec. 3, 1963	4	18	35	35	"	D	Clay stones 51 sand 25; clay sand grit 63; limestone 76. Water at 65.
Con II	" 22	W.D. Hopper & Sons	Mar. 30, 1962	8	225	45	11	"	In	Sandy clay 6; sand 12; stony hardpan 56; hard grey limestone 80; brown limestone 325. Water from 200 to 325.
Con II	" 25	"	Jun. 13, 1962	4	17	16	13	"	D	Clay boulders 33; gravel 36; hardpan 42; grey rock 93. Water at 93.
Con II	" 31	S. Soott	Dec. 12, 1963	4	10	10	8	"	D, S	Yellow clay stones 10; blue clay stone 40; gravel 42; grey rock 81. Water at 81.
Con III	" 30	P. McCowan	May 30, 1961	4	10	15	8	"	D, S	Yellow clay stones 23; gravel 43; blue clay stones 50; brown limestone 76. Water at 76.
Con III	" 30	E. Morton	Nov. 30, 1963	4	10	8	3	"	D	Topsoil clay 30; hardpan 46; gravel 48; grey rock 68; brown limestone 77. Water at 77.
Con III	" 33	C. DeCort	Feb. 10, 1961	4	8	30	12	"	D, S	Yellow clay 32; stony brown clay 64; gravel 75; grey limestone 100. Water from 90 to 100.
Con III	" 34	P. Uyl	Feb. 3, 1961	4	8	35	12	"	D, S	Clay stones 57; gravel 65; grey limestone 96. Water from 90 to 96.
Con III	" 35	"	Nov. 7, 1963	4	10	58	52	"	D, S	Clay 30; hardpan 47; grey rock 111. Water at 111.
Con IV	" 8	P.W. Jackson	Feb. 1, 1961	4	10	50	35	"	D	Old well 15; yellow clay grit 18; blue clay grit 80; fine sand 100; sand limestone 107; red gravel 117. Water at 80 and 107.
Con IV	" 8	N. Maloney	Apr. 21, 1961	4	10	50	33	"	D	Blackish light clay 3; sand 10; reddish clay stones 23; blue clay grit 90; clay sand limestone 104; reddish rock 128. Water at 116 and 124.
Con IV	" 10	R. Murray	Jan. 7, 1961	4	10	30	29	"	D	Blackish loam 2; yellow clay stone 20; blue clay gravel 104; limestone 120. Water at 40, 60, 80 and 110.
Con IV	" 25	A. Smith	Feb. 7, 1961	4	14	34	26	"	D, S	Old well 34; hardpan 74; grey limestone 126. Water from 115 to 126.
Con V	" 20	W. Dreger	Nov. 21, 1963	4	10	16	13	"	D, S	Yellow clay 20; gravel 28; blue clay stones 52; brown limestone 90; grey limestone 136. Water at 136.
Con V	" 20	J. Kerr	Dec. 6, 1963	4	90	20	12	"	D, S	Topsoil 1; sandy clay 10; hardpan 35; blue clay 45; hardpan 68; rock 72; hard brown limestone 150. Water from 140 to 150.
Con V	" 21	G.A. Campbell	Nov. 13, 1963	4	12	7	6	"	D, S	Sandy clay 7; limestone 31; hardpan 70; cemented gravel 101; brown limestone 130; grey limestone 147. Water from 140 to 146.
Con VI	" 2	W.R. Planagan	Nov. 21, 1963	4	12	78	38	"	D	Clay fill 3; hardpan 15; blue clay 30; boulders clay 35; clay grit rock 87; limestone buff colored rock 108. Water at 87 and 105.
Con VI	" 4	P. O'Rourke	Feb. 11, 1961	4	10	56	37	"	D	Blackish clay 2; yellow clay grit 12; sandy clay 20; stones 22; blue clay 28; limestone 32; stones clay 38; blue clay 78; limestone 108. Water at 90.
Con VI	" 11	R. Murray	Apr. 27, 1961	4	10	24	22	"	D	Black loam sandy soil 3; sandy yellow clay 10; yellow clay stone gravel 20; blue clay grit 62; sandstone 84. Water at 15 and 57.
Con VI	" 11	"	Nov. 16, 1963	4	18	23	23	"	D	Clay fill 3; stones clay 15; clay grit 35; clay sand stones rock 148; rock 149. Water at 148.
Con VI	" 15	E. Storey	Apr. 9, 1963	4	15	11	1	"	D, S	Top clay 7; blue clay 24; stones 26; clay stones 57; hardpan 73; cemented gravel 94; white limestone 116. Water from 106 to 116.
Con VI	" 20	R. Campbell	Jan. 28, 1961	4	14	9	7	"	D, S	Clay stones 25; stones 35; hardpan 112; brown limestone 155; dark grey limestone 184. Water from 155 to 184.
Con VII	" 9	P. Ryan	Aug. 1, 1963	5	25	27	25	"	D, S	Topsoil 1; yellow clay 40; blue clay 16; streaks gravel clay 30; hardpan 90; rock 97; yellow limestone 142. Water from 135 to 142.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
Huron County - cont. McKillop Twp. - cont. Con VII	J.E. Sloan	P.W. Jackson	Nov.25,1963	4	15	30	20	Fresh	Black clay loam fill 3;clay grit 35;clay rock grit 85; limestone 106. Water at 106.	
	" 11	C. Begele	Nov.20,1963	4	12	22	21	"	Top clay 19;gravel 24;clay stones 55;hardpan 67;white limestone 109;brown limestone 130. Water from 110 to 130.	D,S
	" 23	H. Pryce	Feb.24,1962	4	50	11	Flows	Sulphur	Sandy clay 18;clay stones 30;hardpan 62;clay stones 74;sand clay 84;grey limestone 110;black limestone 116;grey limestone 129. Water from 110 to 129.	D,S
	" 25	J. Pethick	Mar. 5,1961	4	15	20	7	"	Clay stones 12;gravel 22;clay stones 107;gravel 112;brown limestone 153. Water at 150.	D,S
	" 16	H. Johnston	Jun.20,1960	4	6	25	22	Fresh	Stony clay hardpan 110;grey limestone 147. Water from 140 to 147.	D,S
	" 20	O. Price	Aug.14,1962	4	90	13	7	"	Topsoil 1;yellow clay 10;blue clay 50;hardpan 108;rock 113; grey limestone 150. Water from 135 to 150.	D,S
	" 22	H. Pryce	Apr.21,1961	4	10		Flows	Sulphur	Stones yellow clay 14;gravel 28;stony grey clay 76;grey limestone 108. Water at 108.	D,S
	" 22	W. Alexander	Nov. 6,1962	5	15	11	10	Fresh	Top clay sand 5;yellow clay 17;hardpan stones 99;light brown limestone 105;black limestone 167;grey limestone 178. Water from 167 to 178.	D,S
	" 2	K. Bewermann	Dec. 9,1960	4	10	70	37	"	Sand 10;blue clay 60;clay limestone 89;Trenton rock 155. Water at 89 and 150.	D
	" 6	J. Braecker	Dec. 2,1960	4	10	50	32	"	Black loam clay 2;yellowish stony clay 18;reddish clay 25; clay stones 60;bluish clay grit 93;Trenton rock 125. Water at 115.	D
	" 5	H. Kleber	Oct.25,1960	4	12	37 1/2	37	"	Fill 15. Stones 8;yellow clay 22;yellow clay stones 64;hardpan 82;white limestone 120;brown limestone 158. Water from 128 to 158.	D,S
	" 3	J. & N. Schoonderwoerd	May 12,1962	4	15	1	1 1/2	"	Topsoil 2;clay gravel 13;sand gravel 32;hardpan boulders 55; brown shale 72;brown limestone 86. Water from 80 to 86.	D,S
Morris Twp. Con I	" 27	W. Goutts	Jul.26,1963	4	10	38	22	"	Topsoil 2;sandy clay gravel 24;hardpan 55;brown shale 92; brown limestone 132;white limestone 183. Water from 150 to 183.	D
	lot 1	N. Welwood	Aug.22,1961	5	15	30	18	Fresh	Hardpan 15;gravel 20;hardpan 68;shale clay 100;brown soft limestone 107. Water at 107.	P
	" 11	G. Casemore	Aug.15,1963	4	15	46	45 1/2	"	Old well 27;clay 48;sand gravel 205;brown shale 211;white limestone 246;brown limestone 259. Water from 220 to 259.	D,S
	" 27	D. Grummet	Sep.30,1960	4	10	47	46	"	Topsoil 1;stony clay 10;hardpan 90;gravel 95;hardpan 145; cemented gravel 162;rock 165;brown limestone 212. Water at 200.	P
	" 31	G. Hetherington	Jul.19,1961	4	25	35	31	"	Old well 19;hardpan 105;sand 112;hardpan 140;shale 157; grey rock 169. Water at 169.	D
	" 5	A. Edgar	Aug.15,1962	4	18	28	26	"	Old well 18;sand gravel 78;brown shale 135;brown limestone 181. Water from 160 to 181.	D,S
	" 38	S. McLennan	Dec. 1,1960	4	17	40	36	"	Fill 4;gravel stones 27;hardpan 72;clay shale 112;rock 139. Water at 139.	D,S
	" 6	G. Higgins	Sep.21,1962	4	12	25	13	"	Topsoil 1;sand gravel 16;brown shale 36;brown hard limestone 95. Water at 95.	D,S
	" 8	H. Nethery	Jan.27,1960	4	10	35	29	"	Sand stones 6;clay sand 14;gravel stones 16;hardpan stones 36;brown soft shale 56;dark brown soft rock 120. Water at 56 and 120.	D,S

Morris Twp. - cont.	Con III	lot 15	W. Sellers	C. Keeso	Sec. 5, 1960	4	18	15	14	Fresh	D, S	Send 8; hardpan 34; sandy clay 78; brown shale 80; brown limestone 132. Water from 120 to 130.
Con III	"	20	"	"	Dec. 12, 1960	4	18	20	9	"	D, S	Topsoil 3; hardpan boulder 35; clay gravel 58; sandy clay 84; brown shale 92; brown limestone 124. Water from 120 to 124.
Con V	J.R. Kennedy	24	E.A. Keeso	E.A. Keeso	Oct. 30, 1963	4	15	10	8	"	D, S	Gravel clay 10; hardpan stones 22; hard brown shale 57; soft brown limestone hard streaks 100. Water from 96 to 100.
Con VI	H. Smith	21	"	"	Oct. 16, 1963	4	15	19	17	"	D, S	Dark brown topsoil 2; hardpan stones 23; hard brown shale 51; hard brown limestone soft streaks 59. Water from 94 to 98.
Con VII	C. Vanarsers-foort	12	W.D. Hopper & Sons	W.D. Hopper & Sons	Nov. 13, 1962	4	13	10	9	"	D, S	Yellow clay 7; sandy clay stones 25; hardpan stones 4; light brown limestone 103; dark grey limestone 107. Water from 95 to 107.
Con VII	D. McLean	22	C. Keeso	C. Keeso	Sep. 20, 1963	4	20	33	31	"	D, S	Fill 3; clay boulders 48; hardpan 63; brown shale 109; brown limestone 138; white limestone 154. Water from 100 to 154.
Con VIII	C. Haines	9	W.D. Hopper & Sons	W.D. Hopper & Sons	Sep. 25, 1960	4	9	29	19	"	D, S	Yellow clay 20; stone hardpan 4; hardpan 58; brown limestone 103; boulder 19. Water from 108 to 119.
Con VIII	W. Nicholson	14	G.L. Davidson	G.L. Davidson	Sep. 12, 1963	4	15	20	12 1/2	"	D, S	Topsoil 2; sand 19; gravel 10; hardpan 78; clay 82; quicksand 9; sand gravel 103; shale 148. Water at 148.
Con VIII	R. MacCall	26	Hadco Well Digging	Hadco Well Digging	Apr. 11, 1963	30	4	15	11	"	D	Topsoil 12; brown clay rocks 8; blue hardpan clay rocks 15; blue hardpan 7; gravel 20. Water at 17.
Con VIII	H. & M. White	28	E.A. Keeso	E.A. Keeso	Oct. 23, 1963	4	15	32	29	"	D, S	Gravel clay 18; soft brown clay stones 33; hardpan 59; hard brown limestone soft streaks 136. Water from 18 to 123 and from 130 to 136.
Con IX	K. Taylor	10	C. Keeso	C. Keeso	Jun. 29, 1961	4	18	45	44	"	D, S	Topsoil 3; brown clay 14; gravel 30; sandy clay gravel 45; blue clay 13; white clay shale 92; red shale 104; brown limestone 130; hard brown limestone 153; blue limestone 174. Water from 130 to 174.
Con IX	G. Wasson	14	"	"	Nov. 24, 1961	4	12	43	37	"	D, S	Topsoil fill 3; red clay 13; white clay 48; sandy clay gravel 69; hardpan 8; brown shale 98; brown limestone 140; grey limestone 159; white limestone 167. Water from 160 to 167.
Con IX	W. Bell	18	"	"	Dec. 8, 1961	4	18	38	37	"	D, S	Topsoil 2; sand gravel 51; hardpan clay 86; brown shale 104; brown limestone 141. Water from 135 to 141.
Con IX	J. Shortreed	29	"	"	Jul. 12, 1960	4	18	25	24	"	D, S	Topsoil 1; blue clay 30; hardpan boulder 5; sand gravel 58; gravel limestone 82; brown limestone 101. Water from 90 to 100.
Con X	W. Shortreed	25	W.D. Hopper & Sons	W.D. Hopper & Sons	Aug. 8, 1961	4	10	20	16 1/2	"	D, S	Clay fill 9; sand 30; stony hardpan 54; grey limestone 87. Water from 8 to 87.
Con X	T. Johnston & H.B. Kirby	30	"	"	Jul. 31, 1961	4	14	28	27	"	D	Clay 6; sand 53; sandy clay stones 45; stones clay 58; dark grey limestone 93; brown limestone 109. Water from 93 to 109.
Stanley Twp.	L. Onn		W.D. Hopper & Sons	W.D. Hopper & Sons	Feb. 25, 1960	4	8	36	30	Fresh	D	Clay stones 105; limestone 149. Water from 140 to 149.
Bayfield Townsite	R.L. Bannister	"	"	"	May 7, 1960	4	8	61	55	"	P	Yellow clay 28; sand 37; blue clay 53; blue clay stones 132; light brown limestone 170. Water from 150 to 170.
Bayfield	A. Flowers	"	F.W. Jackson	F.W. Jackson	Aug. 10, 1960	4	10	30	24	"	D	Black clay 2; reddish clay 10; blue sandy clay 80; clay white limestone 10; white red limestone 123. Water at 9 and 115.
Bayfield	W.H. Langford	"	"	"	Aug. 12, 1960	4	4	25	Flows	Sulphur	D	Black loam 1; sandy clay 15; gravel 18; gravel clay 3; gravel 42. Water at 15 and 38.
Bayfield	J.B. Pearson	"	"	"	Aug. 20, 1960	4	10	28	28	Fresh	D	Black loam 2; soft sandy clay 15; clay 45; rocks clay 100; red limestone 10. Water at 15, 30 and 100.
Bayfield	J.F. Steadman	"	"	"	Aug. 28, 1960	4	10	29	29	"	D	Black loam 1; red sand 6; soft clay white sand 12; white clay 10. Water at 10.
Bayfield	W.S. Greig	"	"	"	Aug. 31, 1960	4	10	30	Flows	"	D	Black loam 1; white sand 2; hard clay 10; soft clay 4; rock clay 60. Water at 50 and 60.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Stanley Twp. - cont. Bayfield Township	J.P. Ferguson	F.W. Jackson	Oct. 25, 1960	4	10	30	27 1/2	Fresh	D	Black clay loam 2; yellow hardpan 12; blue clay 80; clay limestone 100; limestone sand 111; red limestone 130. Water at 100 and 116.
Bayfield	J. Koene	"	Nov. 3, 1960	4	10	50	39	"	D	Sand 15; sandy hard clay 50; blue clay 50; clay rock stone sand 128; rock 143. Water at 90 and 133.
Bayfield	J. Hutchings	"	Mar. 29, 1961	4	10	50	22	"	D	Sand 10; blue clay 70; clay stony rock 100; limestone clay 110; limestone red rock 118. Water at 100.
Bayfield	C.J. McCauley	"	Mar. 31, 1961	4	10	50	32	"	D	Black loam 2; sand 12; blue clay 85; clay gravel limestone 107; limestone 125. Water at 90 and 110.
Bayfield	L.A. Duggen	"	May 18, 1961	4	10	36	26	"	D	Sandy loam 3; sand 10; blue soft clay 80; blue clay limestone 100; limestone 108; Trenton rock 131. Water at 8, 100 and 115.
Bayfield	J.A. Tillmann	"	Jul. 24, 1961	5	16	102	31	"	D	Black sandy loam 2; sand 12; blue clay 70; sand grit clay 100; rock sand 116; tight sand 133. Water at 2 and 116.
Bayfield	R. Scothmer	"	Aug. 26, 1961	4	10	95	50	"	D	Old well 8; sand clay 50; blue clay 100; clay rock 125; rock 130; red rock 145. Water at 143.
Bayfield	M.M. Potter	"	Aug. 31, 1961	4	10	35	15	"	D	Heavy clay loam 1; yellow hardpan 17; blue clay 75; blue clay rock 20; shale clay 115; boulders gravel 121; red rock 138. Water at 115 and 135.
Bayfield	F. Glass	"	Sep. 2, 1961	4	10	38	28	"	D	Black sandy loam 2; sandy clay 6; soft yellow hardpan 20; blue clay 60; clay limestone shale 95; hard head gravel 102; rock 128. Water at 95 and 128.
Bayfield	G. Bell	W.D. Hopper & Sons	Dec. 30, 1961	4	10	74	62	"	D	Gravel 18; clay 72; hardpan 118; gravel 124; brown rock 159. Water at 159.
Bayfield	E. Sidall	F.W. Jackson	May 11, 1962	4	30	15	3	"	C	Gravel 2; black silt sand 11; clay grit 18; clay 35; gravel shale 53; limestone 61. Water at 11, 35 and 55.
Bayfield	Cities Service Oil Co.	W.D. Hopper & Sons	Aug. 6, 1962	4	10	52	50	"	C	Sand gravel 20; blue clay 100; hardpan 116; limestone 126; hard brown limestone 150. Water at 148.
Bayfield	A. Brisson	F.W. Jackson	Aug. 8, 1962	4	12	84	38	"	D	Old well 7; clay sand 12; blue clay 90; clay grit rock 112; Trenton rock 134. Water at 120.
Bayfield	M.E. Hodgins	"	Oct. 16, 1962	4	12	50	38	"	D	Black sandy loam 2; sand 20; blue clay grit 105; rock clay 115; limestone 127. Water at 120.
Bayfield	M. Watson	"	Dec. 18, 1962	4	12	45	38	"	D	Old well 10; blue clay grit 110; shale rock clay 115; Trenton rock 124. Water at 118.
Bayfield	W.L. Foster	W.D. Hopper & Sons	May 18, 1963	4	14	40	37	"	D	Sand 14; blue clay 59; limestone blue clay 90; cemented gravel 107; brown limestone 133; light brown limestone 147. Water at 147.
Bayfield	J. McKenzie	P.W. Jackson	Aug. 29, 1963	4	12	74	50	"	D	Black loam 2; gravel 4; sand 15; clay grit rock 122; limestone 122. Water at 123.
Bayfield	Com. Group of Owners Howard street	W.D. Hopper & Sons	Sep. 26, 1963	4	10	38	34	"	P	Topsoll 1; sand 9; blue clay 93; hardpan 105; loose rock 109; brown limestone 137. Water from 135 to 137.
Bayfield	E. Burt	F.W. Jackson	Nov. 6, 1963	4	12	50	40	"	D	Black loam 2; sand clay 30; blue clay 100; clay grit rock 120; buff rock 134. Water at 110 and 125.
BRN lot 19	Verna Water Works Ass.	"	Feb. 21, 1963	4	25	200	200	"	P	Sand 69; clay 125; clay grit rock 168; limestone 230. Water at 195.
BRN " 21	R. Elliott	Hadco Well Drilling	Jun. 21, 1963	3	2	45	38	"	D	Topsoll 1; brown clay 17; grey clay rocks 34; brown sand 46. Water at 38.
BRS " 19	H. Vos	"	Nov. 26, 1960	4	7	186	186	"	D	Black clay loam 2; hardpan 8; sand 66; blue clay 146; Guelph rock clay 166; Trenton rock 206. Water at 196.
BRS " 21	R. Hayter	"	Jul. 19, 1962	4	6	189	189	"	D	Clay loam 3; clay grit 30; sand 65; blue clay 100; clay sand grit shale 153; limestone 180; Trenton rock 210. Water at 192.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
HURON COUNTY - cont. Stephen Twp. - cont. Con I lot 7	P. Pavkeje	Hadco WellDigging	Sep.26,1961	30	4	39	32	Fresh	D,S	Topsail 1;brown clay rock 3;brown clay 16;grey clay 24;boulders 25;grey clay 24;boulders 25;grey clay 32;gravel sand 35;grey clay boulders 39. Water at 32.
Con I " 15	T.A. Dutton	"	Oct. 2,1963	30	< 1	30	15	"	D	Topsail 1;brown clay 12;blue clay 28;blue clay boulders 30;gravel 31;blue clay rocks 42;gravel 43. Water at 42.
Con I " 17	E. Jones	"	Aug.30,1961	27 1/2	20	42	20	"	D	Topsail 1;brown clay 12;blue clay 28;blue clay boulders 30;gravel 31;blue clay rocks 42;gravel 43. Water at 42.
Con I " 18	B. Parsons	"	Aug.29,1961	30	10	37	27	"	D	Topsail 1;brown clay 14;blue sandy clay 28;gravel rocks 29;blue clay boulders 30;blue clay 36;gravel. Water at 36.
Con I " 18	R. Parsons	"	Aug.31,1961	27 1/2	10	41	27	"	D,S	Topsail 1;brown clay 14;blue sandy clay 27;gravel 28;blue clay 38;coarse sand 42. Water at 38.
Con II " 2	H. Mathers	S. Earl	Jun.29,1962	4	8	48	40	"	D	Clay stones 58;limestone 60. Water at 60.
Con II " 5	O. Workman	R. Hudson	Aug. 5,1963	36	20	15	15	"	D	Brown clay 16;gravel 17;blue clay stones 24. Water at 16.
Con II " 7	C. Brock	Hadco WellDigging	Dec.18,1963	27 1/2	4	27	8	"	D	Topsail 1;brown clay 9;gravel 13;blue clay rocks 28. Water at 9.
Con II " 28	D.J. McEwen	W.D.Hopper & Sons	Sep.27,1963	4	8	45	40	"	D,S	Topsail 1;yellow clay 10;hardpan 60;loose rock 63;brown limestone 75. Water from 72 to 75. 40;streaks limestone
Con III " 11	W. Schroeder	E.B.Hussey	May 15,1963	4	7	26	13	"	D,S	Yellow clay 11;blue clay boulders 40;streaks limestone
Con III " 22	A.Webber	A.A. Heal	Oct. 4,1961	4	6	245	243	"	D	hardpan 55;brown limestone 60. Water from 56 to 60.
Con III " 22	W. Makins	S. Earl	Jul.30,1962	3	4	254	248	"	D	Topsail yellow clay 12;blue clay boulders 60;limestone 250. Water at 248.
Con III " 23	J. Moffatt	Hadco WellDigging	Oct. 2,1963	30	2	30	11	"	S	Clay 5;sand clay 8;sand 23;clay 33;hardpan 39;gravel 40;hardpan 60;limestone 258. Water at 257.
Con IV " 16	E. Neil	E.B. Hussey	Sep.10,1963	4	5	40	28	"	D	Topsail 1;brown clay 8;brown sand 24;blue clay 30. Water at 10.
Con V " 18	H.PinkBlewer	Hadco WellDigging	May 21,1963	30	2	15	4	"	S	Old well 23;clay 30;sand 63;hard brown limestone 70. Water from 65 to 70.
Con VI " 5	R. Galloway	E.B. Hussey	May 25,1962	4	8	100	89	"	D,S	Topsail 1;brown sand 10;blue clay 16. Water at 6.
Con VI " 10	J.T. Dodds	"	May 10,1962	4	6	75	65	"	D	Yellow clay 20;blue clay 78;gravelly clay hardpan 110;streaks limestone 120;hardpan streaks clay sandstone 135;stones 136;hardpan streaks clay 140;black brown hard limestone 150. Water from 145 to 150.
Con VI " 10	E. Thorne	"	Feb. 6,1963	4	7	80	65	"	D	Black loam 2;yellow clay 20;blue clay 75;sandy clay 80;clay broken limestone stones 100;hardpan streaks rock boulders 120; Water from 118 to 121.
Con VI " 11	W.C.F. Oestricher	"	Oct.26,1962	4	7	95	88	"	D	Old well 48;blue clay 78;gravelly clay 95;hardpan streaks limestone boulders 115. Water at 112 and 113.
Con VI " 11	L. Wein	"	Nov.13,1962	4	6	87	85	"	D	Yellow clay 60;sandy clay hard streaks 80;streaks limestone hardpan 110;hard brown limestone 118. Water from 113 to 118.
Con VI " 12	C. Fanner	"	Jan. 7,1963	4	10	95	93	"	D,S	Dark loam 3;yellow clay 60;clay hard streaks 105;brown limestone streaks hardpan 116. Water from 113 to 116.
Con VI " 17	F. Brown	"	Oct.31,1962	4	7	70	68	"	D,S	Sandy clay 4;clay 105;hardpan streaks limestone 125;hard brown limestone 128. Water from 126 to 128.
Con VII " 10	C. Brock	W. Dale	Jul.27,1962	4	4	112	101	"	D	Yellow clay 25;sandy yellow clay 65;clay streaks hardpan 100;hardpan streaks limestone 107;hard brown limestone 110. Water from 107 to 110.
Con VII " 10	G. Ratz	E.B. Hussey	Oct.18,1962	4	6	105	100	"	D	Previously drilled 131;limestone . Water at 128.
Con VII " 11	Bell Telephone	W. Dale	Sep.13,1960	5	4	122	105	"	P	Old dug well 20;blue clay 60;sandy yellow clay 80;rock clay 113;hardpan streaks limestone 129;hard brown limestone 140. Water from 136 to 140.

Con VII	Lot 11	C. Mitton	E.B. Hussey	May 16, 1962	9	5	113	113	Fresh	D
Con VII	"	B. Roeszler	"	Jun. 2, 1962	4	5	110	98	"	D
Con VII	"	R. Haugh	"	Jun. 9, 1962	4	4	118	108	"	D
Con VII	"	M. Finkbeiner	"	Nov. 7, 1962	4	6	105	80	"	D, S
Con VII	"	E. Ruggaber	"	Oct. 5, 1962	4	7	72	60	"	D, S
Con VII	"	E. Hendrick	"	Nov. 5, 1962	4	7	45	40	"	D, S
Con VIII	"	E. W. Finkbeiner	"	Oct. 15, 1963	4	5	115	114	"	D
Con XIII	"	D. Regier	W. Dale	Jul. 24, 1962	5	8	100	90	"	D, S
Con XIV	"	A. P. Johnson	P. Rendle	Jul. 12, 1961	4	9	35	72	Sulphur	D, S
LR	"	W. Johnson	"	Oct. 29, 1960	4	4	60	45	Fresh	D, S
LR	"	E. Lovicks	P. W. Jackson	Aug. 16, 1963	4	12	30	30	"	D
LR	"	Conklin Lumber Co.	A. A. Heal	Feb. 3, 1960	4	3	82	42	"	In
LR	"	P. Durand	P. W. Jackson	May 10, 1963	5	14	80	37	"	D
NB	"	D. Finkbeiner	A. A. Heal	Sep. 6, 1960	5	4	20	15	"	D
NB	"	G. K. Crocker	"	Sep. 6, 1961	3	4	44	30	"	D, S
NB	"	H. Stire	"	Nov. 16, 1962	4	1 1/2	124	118	"	D
SB	"	S. Hicks	E. B. Hussey	Apr. 30, 1963	4	15	16	14	"	D, S
SB	"	J. Glavin	"	Jan. 11, 1963	4	10	92	90	"	D, S
SB	"	P. Aajas	W. Marsh	Jul. 29, 1963	5	4	135	135	"	D
SB	"	S. English	A. A. Heal	Sep. 19, 1960	4					
SB	"	"	"	Sep. 23, 1960	4	2	127	60	Sulphur	D
Tuckersmith Twp.										
Con I	lot 1	N. Pepper	Hadco Well Digging	May 9, 1962	30	10	23	12	Fresh	D
Con I	"	E. Allan	"	Jul. 27, 1962	30	6	18	4	"	D
Con I	"	E. Layton	P. W. Jackson	Jan. 19, 1962	4	5	225	225	"	D

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Tuckersmith Twp. - cont										
Con I lot 44	K. Rogerson	F.W. Jackson	Dec.12,1963	4	8	227	227	Fresh	D	Clay topsoil 2;hardpan grit 18;clay 40;sand 50;builders clay hardpan 98;limestone 113;buff rock 160;rock 230;buff rock 250. Water at 232.
Con I	M.P. Corrie	Ladco Drilling	Sep. 5,1963	4	10	280	260	"	D	Brown clay 15;grey clay rocks 105;grey limestone 285. Water from 265 to 280.
Con II	J. Cooper	Hadco WellDrilling	Nov.18,1963	3	5	30	22	"	D,S	Topsoil 2;brown clay 26;blue clay sand 30;gravel. Water at 30.
Con II	S. Ross	F.W. Jackson	Jul. 4,1963	4	2 1/2	105	38	"	D	Old well 40;clay sand grit 64;buff rock 110. Water at 74.
Con II	F. Falconer	W.D.Hopper & Sons	Aug. 9,1963	4	9	118	112	"	D,S	Yellow clay 30;sand 37;blue clay 74;clay stones 97;hardpan 125;brown limestone 145. Water at 145.
Con II	M. Craig	"	Sep.22,1961	4	4	65	55	"	D	Clay stones 46;sand 65;hardpan 114;grey rock 129. Water from 120 to 129.
Con II	B.A.Zoblocki	F.W.Jackson	Dec.21,1961	4	4	95	55	"	P	Clay subsoil 4;clay sand gravel 15;gravel sand 80;sand gravel shale 105;limestone 115. Water at 4, 20, 80 and 105.
Con III	J. McGregor	Hadco WellDrilling	Dec. 6,1963	30	4	22	17	"	D,S	Topsoil 2;clay 23;gravel. Water at 23.
Con III	K. McLeilan	R. Hudson	Jul.25,1963	36	1	34	26	"	D,S	Brown clay 14;blue clay 26;gravel 27;blue clay 36. Water at 26.
Con III	B. Forrest	W.D.Hopper & Sons	Sep.14,1963	4	3	80	45	"	D,S	Topsoil 1;yellow clay 10;stony hardpan 43;rock 45;grey limestone 90. Water from 88 to 90.
Con III	J. Lostell	Hadco WellDrilling	Nov.20,1963	27 1/2	3	50	38	"	D,S	Topsoil 2;grey clay 8;brown clay stones 45;sand clay 40;brown clay 48;sand clay 52. Water at 38 and 48.
Con III	L.Finlayson	"	Nov.25,1963	30	1	38	30	"	D,S	Topsoil 2;brown clay 30;grey sand clay 39. Water at 30.
Con III	Haugh Bros	W.D.Hopper & Sons	Jun. 5,1963	4	6	110	91	"	D,S	Top yellow clay 8;clay stones 70;hardpan 69;black grey limestone 115;white limestone 128. Water from 91 to 128.
Con III	W. Rogerson	F.W.Jackson	Jul. 1,1963	4	12	70	30	"	D	Clay fill 5;hardpan 15;clay grit 45;clay sand boulders hardpan 79;limestone 102. Water at 87.
Con IV	A. Timmermans	Hadco WellDrilling	Jan.15,1963	27 1/2	3	17	6	"	S	Topsoil 1;brown clay stones 10;boulders 14;brown clay 17. Water at 16.
Con IV	"	Ladco Drilling	Sep.10,1963	4	8	60	48	"	D,S	Brown clay 12;grey clay rocks 60;gravel 66. Water from 60 to 66.
Con IV	G. Richardson	W.D.Hopper & Sons	Aug.22,1963	4	6	260	258	"	D,S	Top clay 7;clay stones 55;hardpan 87;grey limestone 124;boulder clay 133;red rock 142;boulder clay 149;red rock 257;white limestone 285;grey limestone 315. Water from 257 to 315.
Con V	W. Cartney	F.W. Jackson	Dec.28,1963	4	1 1/2	27	42	"	D	Clay loam 3;hardpan 15;clay 35;stones clay hardpan 58;limestone 87. Water at 60.
Con XI	V. Alderdice	R. Hudson	Nov. 6,1963	36	1	10	5	"	D,S	Brown clay 4;gravel 6;blue clay 18. Water at 5.
HRF Con I	J. Devereaux	W.D.Hopper & Sons	Sep.12,1963	4	10	5	3	"	D,S	Gravel fill 1;yellow clay 10;hardpan 28;loose rock 30;grey limestone 60;brown limestone 120. Water from 100 to 120.
HRF Con I	D. Hopper	"	Dec. 3,1962	5	12	56	54	"	D	Clay 4;sand 9;blue clay 24;stones 29;dark grey shale hardpan 62;brown limestone 170;grey limestone 210. Water from 170 to 210.
HRF Con I	A. MacLean	"	Jul.30,1963	4	12	62	58	"	D	Yellow clay 7;clay stones 32;sand 40;hardpan 62;grey limestone 115;white limestone 133. Water from 115 to 133.
HRF Con I	W. Powell	"	Apr.20,1963	5	5	192	190	Salty	D,S	Topsoil 1;yellow clay 11;blue clay 30;hardpan 61;brown limestone 27;blue clay 205 to 260.
HRF Con I	M. Holland	F.W. Jackson	Jun.25,1963	4	15	20	6	"	D,S	Clay topsoil 1;clay boulders 51;limestone 56. Water at 51.
HRF Con II	M. Williams	W.D. Hopper & Sons	Dec.11,1963	4	8	95	90	Fresh	D	Topsoil 1;yellow clay 10;hardpan 18;hardpan 32;brown limestone 132. Water from 125 to 132.
HRF Con II	C. Cox	"	Jun.20,1961	4	10	101	97	"	D	Yellow clay 18;hardpan 42;gravel 47;grey rock 130. Water from 125 to 130.
HRF Con II	W. Henderson	"	Jan.21,1961	5	11	75	73	Sulphur	S	Clay stones 23;sand clay stones 35;hardpan stones 55;brown limestone 70;black limestone 139;light brown limestone 193. Water from 145 to 193.

Tuckersmith HP Con II	11	M. McWhinn & P. Chappell Twp Tuckersmith	W.D. Hopper & Sons	Apr. 3, 1962	4	10	105	100	Fresh	D	Yellow clay stones 27; blue clay 38; hardpan 45; grey rock 145. Water at 145; gravel 34; clay stones 54; grey rock 228. Water at 228.
HRP Con II	"	"	"	Nov. 6, 1962	6	30	200	125	"	P	Clay stones 28; gravel 34; clay stones 54; grey rock 228. Water at 228.
HRP Con II	"	Dr. M.W. Stapleton	"	Sep. 24, 1963	4	8	138	135	"	D, S	Yellow clay 10; hardpan 45; rough gravel 51; loose rock 54; grey limestone 100; brown rock 195. Water from 180 to 195.
HRP Con II	"	E. Townsend	P.W. Jackson	Jan. 18, 1963	4	8	105	55	"	"	Open well 101; gravel 54; brown rock 195. Water from 180 to 195.
HRP Con II	"	E. Coleman	"	Nov. 1, 1962	4	12	47	41	"	D	Black loam fill 5; hard clay 15; blue clay 30; clay grit 55; clay 61; limestone 70. Water at 85.
HRP Con II	"	J. Veestra	W.D. Hopper & Sons	Aug. 5, 1963	4	8	75	50	"	D, S	Yellow clay 10; hardpan 45; rough gravel 51; loose rock 54; grey limestone 100; brown rock 195. Water from 180 to 195.
HRP Con III	"	A. Moore	"	Jan. 18, 1962	5	10	143	138	"	D, S	Loose rock 107; grey limestone 120. Water from 117 to 120.
HRP Con III	"	B.R. Thomson	"	Jan. 27, 1961	4	5	100	40	"	D, S	Clay stones 18; grey limestone 179. Water from 159 to 179.
HRP Con III	"	J.E. Turner	Hadco Well Digging	Sep. 23, 1961	30	10	35	22	"	D, S	From 119; gravel 24; hardpan 61; grey limestone 119. Water from 119.
HRP Con IV	"	R. Tyndall	W.D. Hopper & Sons	Dec. 24, 1963	4	4	80	25	"	D, S	Topsall 1; brown clay 7; brown clay boulders 14; grey clay 21; fine brown sand 27; blue clay 36. Water at 21.
HRP Con IV	"	C. Chesney	"	May 27, 1960	4	8	50	40	"	D, S	Open well 101; gravel 54; brown rock 195. Water from 180 to 195.
HRP Con IV	"	W.H. Coleman	P.W. Jackson	Oct. 12, 1961	4	12	63	20	"	D	Yellow clay 10; hardpan 45; rough gravel 51; loose rock 54; grey limestone 100; brown rock 195. Water from 180 to 195.
HRP Con V	"	J. Kassies	"	Jun. 21, 1963	4	8	106	106	"	D	Old well 13; from 90 to 100. Water at 80.
HRP Con VI	"	E. Jones	W.D. Hopper & Sons	Sep. 5, 1962	4	7	48	25	"	D, S	Water at 11; clay sand 35; rock sand clay 108; limestone 127.
HRP Con VII	"	A. Vos	"	Oct. 25, 1961	4	3	90	24	"	D, S	Old well 27; clay stones 52; hardpan stones 71; light brown limestone 116. Water from 105 to 116.
HRP Con X	"	A. McGregor	"	Jun. 5, 1960	4	7	320	300	"	D, S	Fill 7; sandy clay 27; blue clay 48; hardpan stones 74; brown limestone 121. Water from 90 to 121.
HRP Con XI	"	J. Drummond	R. Hudson	Jun. 16, 1962	36	1	20	10	"	S	Yellow clay stones 66; grey limestone 350. Water from 340 to 350.
HRP Con XI	"	W.A. Hoggarth	"	Jul. 26, 1963	36	1	25	16	"	S	Brown clay 10; gravel 12; clay big stones 20. Water at 12.
HRP Con XI	"	McGregor Farms	Hadco Well Digging	Dec. 11, 1963	30	1	28	20	"	D, S	Brown sandy clay 16; gravel 17; blue clay stones 20. Water at 16.
Turnberry Twp. Con A lot 1	1	C. McOutcheon	G.L. Davidson	Nov. 14, 1960	4	15	42	16	Fresh	D, S	Topsall 2; clay 20; gravel 22; gravel clay sand 25; clay 30. Water at 20.
Con B	"	H. Hitchings	"	Sep. 9, 1961	4	5		Flows	"	D	Dug well 18; sandy gravel 32; hardpan 64; gravelly hardpan 77; shale 96; rock 110. Water at 110.
Con B	"	L. Good	"	May 7, 1963	4	7 1/2		"	"	D	Topsall listony hardpan 20; sandy clay 25; clay 48; brown shale 65; red shale 76; brown shale 102. Water at 102.
Con B	"	A. Shefter	"	Oct. 16, 1962	4	10	35	27	"	D, S	Dug well 6; gravelly hardpan 25; marl 46; brown soft shale 64; brown red soft rock 90. Water at 90.
Con B	"	J.E. Currie	"	Aug. 17, 1961	4	12	32	16	"	D, S	Topsall 2; sand stony gravel 61; quicksand 72; hardpan 78; red soft shale 93; brown soft shale 114; brown medium hard shale 134. Water at 134.
Con B	"	E. Slightholm	"	Apr. 5, 1962	4	10	70	58	"	D, S	Clay 4; sand gravel 18; sand quicksand 42; hardpan 52; sandy clay 78; brown clay 89; brown rock 120. Water at 120.
Con B	"	T.A. Currie	"	Aug. 9, 1963	4	15	35	30	"	D	Topsall 1; hardpan 18; sandy clay 24; clay 28; hardpan boulders 40; shale clay 100; brown rock 132. Water at 132.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HURON COUNTY - cont. Turnberry Twp. - cont.										
Con C	K. Bennett	G.L. Davidson	Sep. 27, 1963	4						Topsoil 2; stony hardpan 14; stony gravel 17; hardpan 58; soft brown shale 120. Dry hole.
Con C	"	"	Oct. 19, 1963	4	5	60	24	Fresh	D, S	Topsoil 2; stony hardpan 14; stony gravel 17; hardpan 58; soft brown shale 122. Water at 122.
Con C	"	"	Jun. 30, 1961	4	15	30	26	"	D, S	Stony hardpan 16; gravel 18; stony hardpan 58; clay shale 97; light brown rock 110; dark brown rock 135. Water at 135.
Con C	D. Adams	"	Jun. 22, 1961	4	15	25	22	"	D, S	Gravel; hardpan 6; stony hardpan 59; shale 79; brown rock 100; dark brown rock 113. Water at 113.
Con C	G.H. Gibson	C. Keeso	Nov. 17, 1962	4	18	26	25	"	D, S	Topsoil 2; clay gravel 11; sand 178; brown clay 187; brown limestone 223. Water at 223.
Con I	Turnberry School Board	G.L. Davidson	Sep. 13, 1960	5	12	70	50	"	P	Red clay gravel stones 14; coarse sand 24; fine sand 62; clay stones 84; sand gravel 108; soft brown shale 132; soft yellow shale 162; hard brown rock 174. Water from 158 to 174.
Con I	J.A. Walker	C. Keeso	Sep. 20, 1961	4	15	33	32	"	D, S	Dug well 15; sandy clay 34; hardpan gravel 48; sandy clay gravel 56; brown shale 102; brown limestone 155. Water from 140 to 155.
Con I	J. Scott	G.L. Davidson	Aug. 8, 1961	4	20	24	15	"	D	Topsoil 1; hardpan sand gravel 24; hardpan boulders 48; hardpan 71; shale brown soft clay 130; brown rock 166. Water at 166.
Con I	Black Bros.	C. Keeso	Aug. 4, 1962	4 1/2	15	45	35	"	D, S	Dug well 23; brown clay boulders 70; sand clay 125; brown shale 150; brown limestone 225; white limestone 320. Water from 316 to 320.
Con I	H.A. Nicholson	"	Aug. 11, 1961	4	18	13	13	"	D, S	Dug well 26; blue clay 42; sandy clay gravel 68; brown shale 71; brown limestone 132. Water at 120 and 132.
Con I	H. Wheeler	G.L. Davidson	Aug. 7, 1962	4	10	25	9	"	D, S	Fill 3; clay hardpan stones 60; brown shale 85; red shale 92; brown rock 110. Water at 110.
Con III	T. Shearer	E.A. Keeso	May 11, 1962	3	13 1/2	30	28	"	D, S	Previously drilled 109; yellow limestone 134. Water at 134.
Con IV	W. Devos	Waterwell Drilling	Jan. 29, 1963	4	8	52	52	"	D, S	Old well 6; gravel 26; sand gravel 50; boulders hardpan 95; hard brown clay 191; loose brown limestone 254. Water at 252.
Con VI	J. Wright	G.L. Davidson	Oct. 26, 1963	4	12	35	30	"	D, S	Sand 8; stony clay 32; sand stones 58; sand gravel 198; clay 218; brown soft rock 236. Water at 236.
Con VIII	R. Shobbrook	"	Sep. 11, 1961	4	18	25	10	"	D	Topsoil 4; sand 8; stony hardpan 66; sand 146; hardpan 152; clay sand 178; brown soft shale 192; brown soft rock 216. Water at 216.
Con IX	R. Hastings	"	Sep. 27, 1961	4	10	30	22	"	D, S	Topsoil 2; gravel stones 16; hardpan boulders 36; hardpan 66; soft brown shale 88; brown soft rock 107. Water at 107.
Con X	E. Johnston	"	Oct. 30, 1963	4	10	45	40	"	D, S	Dry well 5; sand 16; fine sand 22; sand 48; quicksand clay 65; hardpan 100; gravel shale 107; brown red soft shale 173. Water at 173.
Con XI	H. Casemore	"	Feb. 26, 1963	4	10	35	35	"	D, S	Sand gravel 16; hardpan 22; clay sand 58; sandy gravel 64; hardpan 96; red soft shale 139; layers red soft shale limestone 165. Water at 165.
Con XII	J.A. McKague	"	Jul. 11, 1961	4	20	25	20	"	D, S	Topsoil 1; sand gravel 23; stony hardpan 30; hardpan 70; shale 86; brown rock 101. Water from 70 to 101.
Con XII	O. Holmes	"	Dec. 15, 1960	4	15	65	58	"	D, S	Fill 4; gravel 42; sand 52; sandy clay 94; sandy gravel 103; sand shale 141; brown rock 168. Water at 168.
Usborne Twp.										
Con I	L. Slider	W.D. Hopper & Sons	Apr. 21, 1960	5	12	290	295	Fresh	C	Topsoil 1; yellow clay 10; blue clay 40; stony hardpan 101; rock 103; grey limestone 150; yellow limestone 180; brown limestone 285; grey limestone 317. Water from 285 to 317.
Con I	R. Williams	Hedco Well Drilling	Dec. 8, 1961	30	10	19	12	"	D	Topsoil 1; brown clay 12; brown sand 16; blue clay 36; coarse

Con	I	II	III	IV	V	VI	VII	VIII	IX	X	W. Fritz	W.D.Hopper & Sons	Apr.30,1960	4	4	28	10	Fresh	D	Topsoil fill 3;yellow clay 10;blue clay 28;sand clay 33; hardpan 47. Water from 28 to 33. Dug well 38;hardpan boulders 60;limestone 311. Water from 308 to 311.
Con I	"	25	"	"	"	"	"	"	"	"	"	A.A. Heal	Oct.28,1961	4	4	298	"	"	D	Dug well 38;hardpan boulders 60;limestone 311. Water from 308 to 311.
Con II	"	11	"	"	"	"	"	"	"	"	"	R. Hudson	Jun.18,1962	36	2	24	"	"	Ir	Brown clay 10;blue clay 22;gravel 24;sand 26. Water at 23.
Con II	"	11	"	"	"	"	"	"	"	"	"	"	Nov.22,1963	36	3	30	6	"	D,S	Brown clay 15;blue clay 14;blue clay 24;gravel 28. Water at 24.
Con II	"	17	"	"	"	"	"	"	"	"	"	HadcoWell Digging	May 16,1961	30	50	27	Flows	"	D	Topsoil 1;brown clay 4;grey clay 14;blue clay 21;gravel 22;
Con II	"	18	"	"	"	"	"	"	"	"	"	"	May 18,1961	30	15	28	20	"	D	blue clay rocks 30. Water at 21.
Con II	"	31	"	"	"	"	"	"	"	"	"	"	Jul.16,1963	30	1	56	50	"	D,S	Topsoil 1;brown clay 14;blue clay rocks 50;blue sand 59;blue clay rocks 60. Water at 50.
Con III	"	6	"	"	"	"	"	"	"	"	"	R. Hudson	Nov.11,1963	36	9	30	22	"	D,S	Brown clay 15;blue clay 25;sandy blue clay 33. Water at 33.
Con III	"	15	"	"	"	"	"	"	"	"	"	International Water Supply Ltd.	Apr. 4,1960	10	56	19	10	"	T	Topsoil 1;heavy clay 44;sandy clay 45. Water at 37.
Con III	"	16	"	"	"	"	"	"	"	"	"	HadcoWell Digging	May 18,1961	30	50	25	2	"	1-60	silt 33;gravel clay 14;blue clay 20;gravel 25. Water at 20.
Con IV	"	11	"	"	"	"	"	"	"	"	"	R. Hudson	Nov.23,1963	36	4	34	25 1/2	"	D,S	Brown clay 10;blue clay 14;blue clay 20;gravel 35. Water at 34.
Con IV	"	13	"	"	"	"	"	"	"	"	"	HadcoWell Digging	May 12,1961	30	30	55	38	"	D,S	Topsoil 1;brown clay 14;blue clay 35;boulders clay 40;blue clay 47;boulders 49;brown coarse sand 56. Water at 50.
Con IV	"	15	"	"	"	"	"	"	"	"	"	International Water Supply Ltd.	Apr.11,1960	10	67	14	11	"	T	Topsoil 1;sandy clay 5;clay 21;clay broken gravel 35;fine gravel sand 46;sandy clay 47. Water at 35.
Con IV	"	18	"	"	"	"	"	"	"	"	"	HadcoWell Digging	Oct.21,1961	30	15	28	18	"	D,S	Topsoil 1;brown clay rocks 15;fine gravel 17;blue clay 19; gravel 28. Water at 19.
Con IV	"	31	"	"	"	"	"	"	"	"	"	R. Hudson	Jul.24,1963	36	5	26	20	"	D,S	Brown clay 22;quicksand 24;blue clay 32;gravel 34. Water at 22.
Con IV	"	34	"	"	"	"	"	"	"	"	"	"	Jul.25,1962	3 1/2	1	18	11	"	S	Brown clay 12;quicksand 14;blue clay 18;gravelly clay 20.
Con V	"	15	"	"	"	"	"	"	"	"	"	HadcoWell Digging	Nov.30,1961	3 1/2	5	42	35	"	S	Topsoil 1;brown clay 13;blue clay 34;grey clay stones 42; gravel 43. Water at 42.
Con V	"	26	"	"	"	"	"	"	"	"	"	"	Sep.17,1962	30	2	43	34	"	D,S	Topsoil 1;brown sandy clay 15;blue clay 27;grey sand 34; gravel 36 1/2;blue clay rocks 43. Water at 34.
Con VI	"	2	"	"	"	"	"	"	"	"	"	"	Sep.22,1961	27 1/2	4	41	30	"	D,S	Topsoil 1;brown clay 14;grey clay 21;blue clay 30;blue sand boulders 33;blue clay 34;gravel 35;blue clay boulders 41. Water at 30 and 34.
Con VI	"	16	"	"	"	"	"	"	"	"	"	HadcoWell Digging	Apr.28,1961	30	4	68	53	"	S	Topsoil 1;brown clay 16;blue clay rocks 63;brown fine sand 67;blue clay 68. Water at 63.
Con VI	"	18	"	"	"	"	"	"	"	"	"	"	Dec. 1,1961	27 1/2	4	39	30	"	D,S	Topsoil 1;brown clay 10;brown sand 18;blue sand 20;blue clay 36;gravel boulders 40. Water at 36.
Con VI	"	23	"	"	"	"	"	"	"	"	"	R. Hudson	Nov.15,1963	36	5	27	25	"	D	Brown clay 12;blue clay 20;sandy clay 25;gravel 28;clay 29 1/2. Water at 25.
Con VI	"	24	"	"	"	"	"	"	"	"	"	"	Nov.13,1963	36	10	28	26	"	D,S	Brown clay 12;blue clay 24;sandy clay 32. Water at 26.
Con VII	"	14	"	"	"	"	"	"	"	"	"	"	Nov.19,1963	36	2	24	19	"	D,S	Brown clay 12;blue clay 19;gravel 20;blue clay stones 26. Water at 19.
Con VII	"	2	"	"	"	"	"	"	"	"	"	HadcoWell Digging	Dec. 4,1963	30	2	44	30	"	D,S	Clay 16;sand 18;clay 20;sand clay 33;clay stone 50. Water at 30.
Con VIII	"	24	"	"	"	"	"	"	"	"	"	"	Dec.12,1963	27 1/2	3	34	10	"	D,S	Topsoil 2;clay 6;sand 10;clay 35;gravel 36. Water at 26 and 35.
Con VIII	"	6	"	"	"	"	"	"	"	"	"	R. Hudson	Nov.26,1963	36	20	25	20	"	D,S	Brown clay 12;blue clay 27. Water at 27.
Con VIII	"	10	"	"	"	"	"	"	"	"	"	"	Jul.26,1962	30	20	25	4	"	D,S	Brown clay 10;quicksand 14;blue clay stones 29;sand 30. Water at 30.
Con VIII	"	15	"	"	"	"	"	"	"	"	"	"	Nov. 9,1963	36	50	24	20	"	D,S	Brown clay 17;gravel 18;brown clay 20;quicksand 22;blue clay 30. Water at 30.
Con IX	"	15	"	"	"	"	"	"	"	"	"	E.B.Hussey	Oct.18,1963	4	10	22	22	"	D	Old well 26;blue clay 37;sandy clay stones 66;clay gravel 78; hardpan 83. Water from 82 to 83.
Con X	"	7	"	"	"	"	"	"	"	"	"	"	Oct.30,1963	4	10	31	29	"	D	Yellow clay gravel 14;blue clay 24;clay gravel 54;hardpan stones 84. Water from 81 to 84.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
Huron County - cont.										
Usborne Twp. - cont.										
Con XI	P. VanDerSpeck	W.D. Hopper & Sons	Jan. 12, 1962	4	6	54	35	Fresh	D, S	Topsoil fill 2; yellow clay 10; blue clay 40; stony hardpan 88; rock 9; brown limestone 123. Water from 115 to 125.
NEB	J. Stewart	R. Hudson	Nov. 25, 1963	36	3	22	18	"	D, S	Stony brown clay 16; blue clay stones 22; gravel stones 25. Water from 22 to 25.
NEB	W. Lamporte	W.D. Hopper & Sons	Aug. 1, 1962	4	6	290	280	"	D, S	Old well 37; clay stones 51; brown rock 360. Water from 280 to 335.
SEB	C. Thompson	HadcoWell Drilling	Nov. 14, 1963	30	3	30	23	"	D, S	Topsoil 3; brown clay 23; sand 25; clay gravel 36. Water at 23.
SEB	N. Jacques	"	Dec. 14, 1963	27 1/2	2	47	36	"	D, S	Topsoil 21; clay 36; gravel 40; clay 48; gravel 50. Water at 36 and 48.
TEN	C. Fairbairn	"	Dec. 9, 1963	27 1/2	2	50	26	"	D, S	Topsoil 1; brown clay 26; rocks gravel 30; blue clay 36; sand rocks 30. Water at 26 and 36.
TEN	W.D. Bray	R. Hudson	Oct. 30, 1963	36	1 1/2	25	18	"	D, S	Brown clay 12; blue clay 16; sandy clay 30. Water at 18.
TEN	A. Passmore	HadcoWell Drilling	Nov. 16, 1963	30	3	49	45	Fresh	D, S	Brown clay 18; stony gravel 22; blue clay 38. Dry hole.
TEN	"	"	Nov. 21, 1963	30	3	49	45	"	D, S	Topsoil 2; brown clay 22; sand clay 25; blue clay 48; gravel. Water at 48.
TEN	A. Passmore	"	Dec. 11, 1963	27 1/2	2	38	18	"	D, S	Topsoil 1; brown sandy clay 11; blue clay 18; blue sand gravel 30; blue clay stones 38. Water at 18.
TEN	J. Borland	R. Hudson	Nov. 2, 1963	36	2	24	18	"	D, S	Brown clay 10; blue clay 18; gravel 20; stony blue clay 28 1/2. Water at 18.
TEN	M. Hodgert	HadcoWell Drilling	Dec. 9, 1963	27 1/2	1	39	26	"	D, S	Topsoil 1; brown clay stones 4; brown clay 16; blue clay 28; gravel 32; blue clay 40. Water at 28.
THS	H.C. Frayne	"	Dec. 14, 1961	30	10	29	18	"	S	Topsoil 1; brown clay 16; blue clay 23; brown fine sand 25; gravel. 26; brown sand 28; blue clay 30. Water at 25.
THS	R. Frayne	"	Oct. 13, 1961	27 1/2	4	29	21	"	D, S	Topsoil 1; brown clay rocks 16; blue clay 21; gravel brown clay 24; gravel 30. Water at 24.
THS	J.E. Miller	"	Dec. 5, 1961	30	15	44	35	"	D, S	Topsoil 1; brown clay 3; brown clay rock 7; brown clay 16; blue clay 35; grey clay 39; rocks gravel 45. Water at 39.
THS	Thames Road United Church	"	Apr. 27, 1961	30	6	30	8	"	D	Topsoil 1; sand 3; brown clay 12; blue clay 27; gravel boulders 29; blue clay 31. Water at 27.
THS	L. Hackrey	"	Nov. 30, 1963	30	1	30	20	"	D, S	Topsoil 2; clay 30; clay sand gravel rocks 38; clay 39; rock. Water at 20.
West Wawanosh										
Con I	E. Durnin	W.D. Hopper & Sons	Aug. 16, 1963	4	10	125	115	Fresh	D, S	Yellow clay 18; sand 33; blue clay stone 177; gravel 191; grey rock 228. Water from 220 to 228.
Con I	W. Robinson	"	Mar. 16, 1960	4		98	90	"	D, S	Yellow clay 36; sand 38; clay stones 127; gravel 133; brown limestone 195. Water from 180 to 195.
Con II	H. Sproul	Ladco Drilling	Oct. 4, 1963	4	10	115	110	"	D, S	Fill dirt 6; gravel 23; grey clay rocks 40; sand 75; grey clay rocks 129; light grey limestone 200. Water from 183 to 195.
Con IV	K.K. Dawson	G.L. Davidson	Apr. 29, 1961	5	15	147	110	"	D	Clay 7; sand 10; clay 32; sand 40; clay hardpan 118; shale 122; brown rock 252. Water at 194, 223 and 252.
Con VI	C. Boyle	Ladco Drilling	Aug. 19, 1963	4	9	160	150	"	D, S	Brown clay 15; grey clay rocks 225; light grey limestone 287. Water from 240 to 284.
Con X	G. Phillips	G.L. Davidson	Jul. 3, 1963	4	10	80	60	"	D, S	Clay 7; stony gravel 36; hardpan 46; quicksand 76; gravel hardpan 87; quicksand 98; hardpan 107; quicksand 134; brown shale 149; brown rock 159. Water at 195.
Con X	W. Webster	"	Mar. 1, 1960	4	6	100	52	"	D, S	Fill 5; yellow clay 25; blue clay 52; sand 100; hardpan 116; sand 145; shale sand 179; brown limestone 210. Water at 210.
Con XII	A. Gaunt	"	Jun. 27, 1962	4	12	100	80	"	D, S	Blue clay 40; sand 47; hardpan 56; sand 103; stony hardpan 111; hard hardpan 155; loose shale 165; soft brown rock 192. Water at 192.

Con	Lot	S. Deber	Hadco WellDigging	Apr. 27, 1962	30	16	8	Fresh	D, S	Topsoil 1; brown sandy clay 5; brown sand 7; gravel 13; brown sand gravel 24. Water at 74; marl 54; sand 84; hardpan 114; shale 123; light brown hard limestone 162; dark brown h rd limestone 199. Water at 199.
Con XIII	" 26	D. Hill	G.L. Davidson	Feb. 2, 1963	4	12	60	"	D, S	Old dog well 15; quicksand 74; marl 54; sand 84; hardpan 114; shale 123; light brown hard limestone 162; dark brown h rd limestone 199. Water at 199.
Con XIII	" 27	Kundt Bros. Contractors	"	Aug. 27, 1962	6	55	30	"	In	Dry sand 24; sand gravel 54; marl 66; quicksand 96; brown soft shale 106; brown soft limestone 134; brown h rd limestone 182; dark brown soft limestone 177; brown h rd limestone 204; dark brown medium hard limestone 220. Water at 132, 165 and 220.
Wingham Town		A.N. Atkinson	G.L. Davidson	Oct. 1, 1960	4	12	52	Fresh	D	Sand gravel 16; hardpan stones 62; clay sand 78; gravel hardpan 158; sand stones 233; brown limestone 277. Water at 277.
KENT COUNTY										
Bothwell Town		G. Chambers	S. Earl	Jun. 3, 1960	4	3 1/2	60	Fresh	D	Red sand 28; clay 80; hardpan 96; black shale 97. Water from 94 to 96
Bothwell "		J.A. Beatty	"	Jun. 15, 1960	4	1	60	"	D	Red sand 28; clay 82; hardpan 92; black shale 97. Water at 92.
Camden Twp.	lot 5	A. Howes	S. Earl	Nov. 12, 1962	4			Fresh	D	Clay 40; hardpan 105; black shale 119; grey shale 124. Dry hole.
Con A	" 5	"	"	Nov. 21, 1962	4	1	60			Sand 3; clay 44; hardpan 79; gravel sand 81; hardpan 82. Water from 79 to 81.
Con A	" 6	E. Morgan	H. McDonald	Aug. 23, 1960	4	5	40	"	D, S	Topsoil 1; red sand 9; blue clay 51; sand hardpan 72; gravel 74.
Con A	" 6	W. Smida	R. Pinsonneault	Aug. 25, 1962	4				N	Yellow clay 72; blue clay 47; silt sand clay 63; silt sand 62; silt sand clay 91; silt sand 91; clay sand silt 105; boulder.
Con A	" 6	"	"	Sep. 3, 1962	4				N	Yellow clay 8; blue clay 47; silt sand clay 93; silt sand 105; clay stones.
Con A	" 9	G. Kendall	"	Aug. 10, 1962	4				N	Sand 6; blue clay 48; brown clay pebbles 52; sand silt 52; brown clay pebbles 68; shale 70.
Con A	" 9	"	"	Aug. 14, 1962	4	4	34	Fresh	D	Sand 6; blue clay 48; brown clay pebbles 54; sand gravel 56. Water at 56.
Con A	" 9	R. Hartley	"	Sep. 14, 1962	4	1 1/2	30	"	D	Sand 8; blue clay 47; gravel sand 49. Water from 47 to 49.
Con A	" 11	C. Bell	H. McDonald	Jul. 11, 1962	4				N	Topsoil 2; brown clay 17; blue clay 45; brown clay gravel 50. Discontinued due to high gas pressure.
Con A	" 11	"	"	Jul. 13, 1962	4	1	59	"	N	Topsoil 2; brown clay 18; blue clay 47; brown clay gravel 59; black shale 60. Water at 58.
Con A	" 11	"	"	Aug. 7, 1962	4				N	Topsoil 2; brown clay 18; blue clay 48; brown clay gravel 58; black shale 64. Dry hole.
Con A	" 11	"	"	Aug. 10, 1962	4				N	Topsoil 2; brown clay 18; blue clay 50; brown clay gravel 60; black shale 65. Dry hole.
Con A	" 12	K. Heuchstson	R. McGaffey	Feb. 29, 1960	4	5 1/2	35	Fresh	P	Topsoil 9; soft clay 52; black shale 65. Dry hole.
Con A	" 12	B. Snoblin	R.B. Webster	Dec. 15, 1960	4	7	30	"	S	99 Water from 63 to 65.
Con A	" 14	D. McDonalds	R. Pinsonneault	Apr. 6, 1963	4					Sandy topsoil 13; blue clay 56; gravel 58; black shale 68. Water at 68.
Con A	" 15	H. Gillespie	"	Mar. 8, 1963	4	4	22	Fresh	D	Sand 9; blue clay 56; sand silt clay 77; stones brown clay pebbles 85. Dry hole.
Con A	" 15	R.J. Simpson Co Can. Ltd.	"	Mar. 25, 1963	4	10	25	"	In	Topsoil 2; yellow sand 12; blue clay 42; silt sand clay gravel 45; black sand. Water at 45.
Con A	" 15				4					Yellow clay 12; blue clay 53; sand gravel 56. Water at 53.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Camden Twp. - cont.										
Con B lot 17	Swift Canadian Co. Ltd.	International Water Supply	Apr. 4, 1960	6	160	10	8	Salty	In	Sandy clay 4; fine sand 11; soft grey clay 34; fine gravel sand 68; fine gravel soft shale 72. Water from 34 to 68.
Con B " 17	J. Holmes	H. McDonald	Sep. 3, 1960	4						Topsoil 2; red sand 12; blue clay 45; gravel 46; black shale 48. Dry hole.
Con I " 1	B. Barker	"	Jun. 16, 1961	4						Topsoil 2; brown clay 15; gravel 21; blue clay 48; gravel 51; black shale 55. Dry hole.
Con I " 1	"	"	Jun. 19, 1961	4	2	40	20	Fresh	D	Topsoil 2; brown clay 15; gravel 22; blue clay 45; gravel 50; black shale 54. Water at 52.
Con I " 4	M. Pickard	R.W. Simpson	Jul. 3, 1963	4						Topsoil 2; yellow sand 6; blue clay 40; hardpan 74; hard heads 76; hardpan 78; limestone 82. Dry hole.
Con I " 4	"	"	Jul. 16, 1963	4	2 1/2		30	Fresh	N	Topsoil 2; yellow sand 7; blue clay 40; hardpan 68; black shale 71. Water at 68.
Con I " 4	"	"	Jul. 18, 1963	4			30	"	N	Topsoil 2; yellow sand 6; blue clay 40; hardpan 74; fine sand 76; hardpan 91; limestone 92. Water from 74 to 76.
Con I " 4	"	"	Jul. 23, 1963	4						Topsoil 2; yellow sand 6; blue clay 40; hardpan 71; black shale 74. Dry hole.
Con I " 4	"	Haddock Well Digging	Aug. 18, 1963	30	5	73	49	Fresh	S	Topsoil 1; brown sandy clay 5; blue sandy clay 43; brown hardpan 60; blue sandy clay 67; black sand 74. Water at 72.
Con I " 9	B. Parker	J.E. Smith	Sep. 20, 1960	4	1 1/2	24	12	"	D	Sand quicksand 14; clay 46; gravel 46 1/2; hardpan 48; sand 60; gravel 61. Water at 60.
Con I " 13	H. Tiffin	R.W. Simpson	Jun. 8, 1960	3	5	12	10	"	D, S	Topsoil 3; yellow sand 9; blue clay 52; gravel 58; sand gravel 60. Water at 58.
Con I " 14	T. Tacker	R. Pinsonneault	Jul. 17, 1962	4	8	35	16	"	D	Sand 10; blue clay 44; sand gravel 59. Water at 44.
Con II " 8	F.R. Gee	C. L'Ecluyer	Oct. 20, 1960	4	2 1/2	24	10	"	D	Clay 10; sand 10; clay pebbles 52; sand 65; gravel 66. Water at 66.
Con II " 12	D. Wodlinger	H. McDonald	Jan. 10, 1960	4						Topsoil 1; quicksand 4; blue clay 42; brown clay shale 48; sand 50. Dry hole.
Con II " 12	"	"	Jan. 15, 1960	4						Topsoil 1; quicksand 5; blue clay 45; brown clay shale 50; sand 57. Dry hole.
Con II " 12	"	"	Jan. 19, 1960	4	5	18	4	Fresh	D	Topsoil 1; quicksand 4; blue clay 43; brown clay shale 47; sand gravel 48. Water at 47.
Con II " 12	"	"	Feb. 4, 1960	4	7	12	4	"	D	Topsoil 1; quicksand 4; blue clay 40; clay black shale 49; sand gravel 50. Water at 49.
Con III " 6	H. Powers	R. Pinsonneault	Aug. 6, 1962	4	4	18	7	"	S	Yellow clay 10; blue clay 46; grey clay 48; gravel 49; shale 53. Water at 48 and 52.
Con III " 8	P. Rolston	"	May 24, 1962	4			8	"	N	Sand 14; blue clay 43; sand 45; clay 65; boulder. Water from 43 to 45.
Con IV " 4	P. Featherstone	"	Oct. 16, 1963	4	12	11	10	"	D, S	Yellow sand 8; blue clay 37; black shale 39. Water at 37.
Con IV " 6	C. Ross	J.E. Smith	Dec. 20, 1960	4						Sandy topsoil 5; brown clay 37; fine gravel 37 1/2; blue clay sand gravel 47 1/2; blue clay 56; black shale 80. Dry hole.
Con IV " 6	"	"	Jan. 14, 1961	4						Sandy clay 6; brown clay 36; sand hardpan 47; yellow soapstone 48; sand 56; blue clay 57; black shale 60. Dry hole.
Con IV " 6	"	"	Mar. 15, 1961	4	3	20	10	Fr-sh	D, S	Yellow sand 8; blue clay 37; sand 48; black shale 48 1/2. Water at 48 1/2.
Con IV " 7	G. Neely	R. Pinsonneault	Apr. 29, 1962	4						Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 37 1/2; clay sand silt 49; shale 65. Dry hole.
Con IV " 7	"	"	May 1, 1962	4						Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 37 1/2; clay sand silt 49; shale 60. Dry hole.
Con IV " 7	"	"	May 7, 1962	4	8	13	8	Fresh	D	Brown clay 3; yellow clay 10; blue clay 37; sand silt gas 37 1/2; blue clay 41 1/2; black sand 46; fine gravel 47; shale 51. Water at 51.

G. Pretty	R.W. Simpson	Oct. 16, 1962	4	4	20	Fresh	N	Topsoil 2; yellow clay 9; blue clay 43; black shale 44. Water at 43.
Con V	"	Oct. 20, 1962	4	5	19	"	D,S	Topsoil 1; yellow clay 9; blue clay 43; black shale 44. Water at 43.
A. Forget	D.C. Simpson	Jan. 1963	4	3	18	"	D	Clay loam 2; yellow clay 6; blue clay 38; gravel 39; black shale 41 1/2. Water at 38.
Con VI	"	Jan. 12, 1963	5	3	60	19	D	Clay 40; gravel 43; black shale 66. Water at 66.
P. Buehly	Wendley Drilling Contr's Ltd.	Jun. 25, 1962	4	2	28	10	D	Topsoil 5; yellow clay 9; blue clay 34; black shale 36. Water at 34.
Con I	R.W. Simpson	Nov. 28, 1961	4	4	10	"	D	Sand 8; grey clay 49; hardpan 63; black shale 79. Dry hole.
Con I	D.W. Wade	Nov. 28, 1961	4	4	10	"	D	Sand 8; grey clay 49; hardpan 55; grey shale 85; black shale 48.
Con I	"	Nov. 30, 1961	4	14	11	"	D	Sand 8; grey clay 49; hardpan gravel 52. Water at 52.
R. McPadden	D.C. Simpson	May 3, 1963	4	3	33	16	D	Topsoil 1; sand 4; fired clay 6; grey clay 53; gravel 55; soft black shale. Water at 53.
A. Bailek	H.A. Brandon	Jul. 14, 1960	4	5	10	10	D,S	Red clay 15; blue clay 50; shale 55. Water at 50.
Con I	D.C. Simpson	Oct. 30, 1963	4	8	15	7	D,S	Topsoil 1; clay 47; gravel loose shale 49; soft black shale 61. Water at 47.
Con I	H. Richmond & Sons	Sep. 8, 1962	4	10	13	10	D,S	Topsoil 1; brown clay 10; blue clay 50; gravel 51; black shale 52; water at 50.
Con II	F. Augascino	Apr. 14, 1960	4	4	11	"	D	Topsoil 1; quicksand 8; brown clay 20; blue clay 55; grey rocks 58. Dry hole.
Con II	"	Apr. 18, 1960	4	4	10	"	D	Topsoil 1; quicksand 7; brown clay 18; blue clay 52; black shale 60. Dry hole.
Con II	"	Apr. 20, 1960	4	4	10	"	D	Topsoil 1; quicksand 8; brown clay 18; blue clay 54; grey rock 55. Dry hole.
Con II	"	Apr. 23, 1960	4	4	10	"	D	Topsoil 1; quicksand 8; brown clay 18; blue clay 53; grey rock 56. Dry hole.
Con III	W. Robbins	Mar. 21, 1961	4	4	10	"	D	Topsoil 2; brown clay 6; quicksand 12; brown clay 15; blue clay 47; black shale 50. Dry hole.
Con III	"	Mar. 23, 1961	4	4	10	"	D	Topsoil 2; brown clay 8; quicksand 12; brown clay 20; blue clay 48; black shale 50.
Con III	"	Aug. 27, 1962	4	4	10	"	D	Topsoil 2; yellow clay 7; blue clay 47; hardpan 64; grey black shale 66. Dry hole.
Con III	"	Aug. 29, 1962	4	4	10	"	D	Topsoil 2; yellow sand 7; blue clay 44; hardpan 59. Dry hole.
Con III	N. Lovell	Oct. 5, 1960	4	4	10	"	D	Topsoil 2; brown clay 22; blue clay 60; black shale 64; grey soapstone 87. Dry hole.
Con III	"	Oct. 10, 1960	4	4	10	"	D	Topsoil 2; brown clay 20; blue clay 53; black shale 75. Dry hole.
Con III	"	Oct. 14, 1960	4 1/2	11	60	24	D,S	Topsoil 2; brown clay 20; blue clay 58; gravel 60; black shale 75. Water at 58.
Con III	J. Komesny	Oct. 18, 1960	4	4	10	"	D	Topsoil 2; brown clay 12; blue clay 51; black shale 70. Dry hole.
Con III	"	Mar. 5, 1963	4	4	10	"	D	Clay loam 3; grey clay 40; hardpan 52; gravel 59; black shale 61 1/2. Dry hole.
Con III	"	Mar. 7, 1963	4	4	10	"	D	Clay loam 3; blue clay 41; hardpan 59; black shale 60. Dry hole.
Con III	"	Mar. 9, 1963	4	4	10	"	D	Clay loam 3; grey clay 40; hardpan 57; loose black shale 58; black shale 60. Dry hole.
Con IV	R.W. Simpson	Apr. 1, 1960	4	3	25	7	D	Yellow sand 8; quicksand 11; blue clay 38; hardpan 47. Dry hole.
Con IV	Wendley Drilling Contr's Co. Ltd.	Apr. 3, 1960	4	3	25	7	D	Topsoil 2; yellow clay 7; blue clay 32; hardpan 38; gravel 39. Water from 38 to 39.
Con IV	Imperial Oil	Aug. 7, 1961	5 1/2	1	55	40	C	Sand yellow clay 9; quicksand 20; blue clay 42; black shale 50; black shale 55. Water at 53.
Con IV	J. Samela	Oct. 31, 1962	4	6	15	10	D,S	Gravel 5; brown clay 16; blue clay 38; gravel 40. Water from 38 to 40.
Con V	H. Sherk	Apr. 6, 1961	5	25	23	18	C	Sand 5; clay 42; gravel 43; black shale 69. Water from 61 to 65.
Con V	R. Wells	Oct. 2, 1960	4	4	10	"	C	Topsoil 3; yellow clay 10; blue clay 48; hardpan 61; black shale 62. Dry hole.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Osmien Twp. - cont. Gore Con V lot 2	H. Veneema	R.W. Simpson	Mar. 15, 1961	4					Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale 65. Dry hole.
Gore Con V " 2	"	"	Mar. 18, 1961	4					Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale. Dry hole.
Gore Con V " 2	"	"	Mar. 21, 1961	4					Topsoil 2; yellow sand 6; blue clay 35; hardpan 62; black shale 68. Dry hole.
Gore Con V " 2	S. Gallies	"	Nov. 4, 1961	4					Topsoil 3; yellow clay 7; blue clay 46; hardpan 52; soft black shale 57. Dry hole.
Gore Con V " 2	"	"	Nov. 12, 1961	4					Topsoil 3; yellow clay 7; blue clay 46; hardpan 52; black shale. Dry hole.
Gore Con V " 2	"	"	Nov. 21, 1961	4					Topsoil 3; yellow clay 8; blue clay 47; hardpan 53; black shale. Dry hole.
Gore Con V " 3	Dr. P.B. Moorhead	D.W. Wade	Jul. 23, 1960	4					Sand 6; grey clay 36; hardpan 59; black shale 80. Dry hole.
Gore Con V " 3	"	"	Jul. 27, 1960	4					Sand 5; grey clay 37; hardpan 60; black shale 80. Dry hole.
Gore Con V " 3	"	"	Aug. 2, 1960	4			Fresh	N	Sand 6; grey clay 38; hardpan 60; black shale 80. Water at 65.
Gore Con V " 3	"	"	Aug. 4, 1960	4		16	"	D	Sand 5; grey clay 35; hardpan 50; fine gravel 55; black shale 60. Water at 56.
Gore Con V " 4	M. Woolman	R.W. Simpson	Sep. 2, 1960	4		90			Topsoil 5; blue clay 36; hardpan 48; black shale 50. Dry hole.
Gore Con V " 5	G. Burrell	H. McDonald	Apr. 25, 1962	5	2 1/2	23			Topsoil 2; brown clay 20; blue clay 45; gravel 48; black shale 67. Dry hole.
Gore Con V " 5	"	"	Apr. 26, 1962	4					Topsoil 2; brown clay 5; quicksand 7; brown clay 15; blue clay 40; gravel 42; black shale 50. Dry hole.
Gore Con V " 5	"	"	Apr. 27, 1962	4					Topsoil 2; brown clay 4; quicksand 6; brown clay 16; blue clay 38; gravel 40; black shale 42. Dry hole.
Gore Con V " 5	P. Hazzard	D.C. Simpson	Sep. 5, 1962	4	2	35	Fresh	D	Red sand 7; blue clay 49; gravel 48; black shale 58. Water at 51.
Gore Con V " 5	T. McVeen	D.W. Wade	Sep. 16, 1962	7	1 1/2	50			Sand 10; grey clay 42; hardpan 53; black shale. Dry hole.
Gore Con V " 5	Murphy Farm Equipment	D.C. Simpson	Sep. 17, 1962	7	3	28	"	D	Sand 6; grey clay 42; hardpan 53; black shale 64. Water at 53.
Gore Con V " 5	"	"	Sep. 21, 1962	4	3	20	"	C	Topsoil 4; gravelly clay 4; quicksand 17; blue clay 41; hardpan 44; gravel 47; black shale 52. Water from 44 to 47.
Gore Con V " 8	M. Mako	H. McDonald	Apr. 24, 1962	4	1 1/2	67	"	D, S	Topsoil 2; brown clay 20; blue clay 44; gravel 50; black shale 67. Water at 44.
Gore Con VI " 4	W. McFadden Jr.	R.W. Simpson	Aug. 16, 1960	4	4	19	"	D, S	Old dug well 18; blue clay 35; hardpan 45; gravel 48; black shale 49. Water at 45.
Gore Con VI " 9	R. Deblacki	D.C. Simpson	Aug. 28, 1962	4					Clay topsoil 6; blue clay 35; hardpan 47; gravel 50; black shale 54. Dry hole.
Gore Con VI " 9	"	"	Aug. 30, 1962	4					Clay 7; blue clay 36; hardpan 48. Water at 46.
Gore Con VII " 3	G. Holmes	H.A. Brandon	Jul. 11, 1960	5	1	45	"	D, S	Red clay 15; blue clay 39; hardpan 40; rock 55; black shale 125; shale 127. Dry hole.
Gore Con VII " 3	"	"	Apr. 15, 1962	4					Brown clay 3; yellow clay 15; grey clay pebbles 43; gas sand 44; grey clay pebbles 50; shale 75. Dry hole.
Gore Con VII " 3	"	R. Pinesonneault	May 10, 1962	4					Brown clay 4; yellow clay 15; blue clay pebbles 50; shale 60. Dry hole.
Gore Con VII " 3	"	"	May 14, 1962	4					Sand 3; yellow clay 15; blue clay pebbles 47; sand silt 50; shale 57. Dry hole.
Gore Con VII " 3	"	"	May 18, 1962	4					Sand 5; blue clay pebbles 46; sand shale 55. Water at 46.
Gore Con VII " 9	R. Steele	D.W. Wade	Sep. 29, 1960	4	1	40	Fresh	D	Yellow clay 12; blue clay 34; hardpan 47; black shale 45. Water at 44.
Gore Con VII " 10	G. Kerr	"	Oct. 4, 1963	4	3	27	"	D, S	Yellow clay 8; blue clay 24; hardpan 55; black shale 57. Dry hole.
Gore Con VII " 10	P. Oake	C. Webster	Nov. 21, 1963	10					Blue clay 17; clay 19; hard blue clay 23; silty clay 29; hardpan 32. Dry hole.

Garden Twp. - cont.		C. Zurra		H. Brandon		Jun. 26, 1960		4		20		25		Fresh		C		Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	lot 2					Jun. 27, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	"					Jun. 28, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	"					Jun. 29, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	"					Jun. 30, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	"					Jul. 4, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con VIII	"					May 25, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Nov. 12, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Nov. 16, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Nov. 18, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Jul. 10, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Jul. 11, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					Nov. 30, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					May 1, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con IX	"					May 14, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con X	"					Apr. 5, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XI	"					Apr. 12, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XII	"					Mar. 12, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XII	"					May 16, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XII	"					May 17, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XII	"					May 18, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					Aug. 29, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					May 20, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					May 21, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					Apr. 1, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					Jan. 31, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					Sep. 29, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIII	"					Sep. 30, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					May 20, 1960	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Oct. 19, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Jun. 28, 1962	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					May 6, 1962	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Jan. 5, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Jan. 10, 1963	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Aug. 15, 1962	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XIV	"					Sep. 23, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XV	"					Sep. 30, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XV	"					Nov. 7, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	
Gore Con XV	"					Oct. 18, 1961	4	4	4	18	18	18	18	"	"	D	D	Red silty clay 16; blue clay 34; black shale 41. Dry hole.	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Oreham Twp. - lot 4	R. Millyard	G. Rice	Oct. 31, 1961	4						Yellow sand 8; blue clay 38; quicksand 46; blue mud 59; sand 61; shale 63. Dry hole.
Con I	H. Blair	D. Lecuyer	May 2, 1962	4						Clay 16; sand 18; clay 54; sand gravel clay 63; black shale 67. Dry hole.
Con I	R. Millyard	G. Rice	Oct. 31, 1961	4						Yellow sand 8; blue clay 38; quicksand 46; blue mud 59; sand 61; shale 63. Dry hole.
Con I	H. Blair	E. Lecuyer	May 2, 1962	4						Clay 16; sand 18; clay 54; sand gravel clay 63; black shale 67. Dry hole.
Con I	"	"	May 7, 1962	4		60	12	Fresh	D	Clay 1; sand 20; clay 55; gravel sand clay 59; coarse gravel 60; black shale 61. Water from 60 to 61.
Con I	P. Oron	O. L'Ecuver	May 19, 1960	4	3	63	16	"	D	Clay 10; sand 12; clay 41; clay pebbles 62; gravel sand 62; black shale 63. Water at 63.
Con I	A. Dragstra	"	May 22, 1960	4	2 1/2	18	15	"	D	Clay 9; sand 11; clay 40; clay pebbles 62; gravel sand 62; sandy shale 63; black shale. Water at 63.
Con I	H. Alleneersch	"	Jun. 8, 1960	4	2 1/2	20	15	"	D	Clay 10; sand 10; clay 40; clay pebbles 50; clay sand 61; sand gravel 63; black sandy shale 64. Water at 63.
Con I	R. Tardiff	"	Jul. 4, 1960	4	2 1/2	20	16	"	D	Clay 12; sand 13; clay 44; sand gravel 62; black sandy shale 66. Water at 62.
Con I	L. Dierckse	"	Jul. 10, 1960	4	2 1/2	17	16	"	D	Clay 10; sand 12; clay 42; clay pebbles 61; gravel sand 62; black soil rock 63. Water at 63.
Con I	W. Kowalyk	"	Jun. 25, 1961	4	3	45	20	"	D	Red sand 11; blue clay 32; hardpan 44; gravel 45; hardpan 66; sand gravel 68. Water at 44 and 66.
Con I	W. McDonald	D. Lecuyer	Apr. 28, 1962	4	2 1/2	40	14	"	D	Clay 1; sand 16; clay 55; sand clay 61; gravel sand 64; black shale 66. Water at 61.
Con I	J. Cayterman	"	Sep. 25, 1962	4			14	"	N	Clay 17; sand 19; clay pebble 55; gravel sand clay 64; black shale 68. Water from 60 to 64.
Con I	"	"	Oct. 2, 1962	4	1 1/2	55	14	"	D	Clay 18; sand 19; clay pebbles 58; sand gravel clay 63; black shale gravel 65. Water from 63 to 65.
Con I	"	"	Sep. 3, 1960	4	2 1/2	65	15	"	D	Clay 12; sand 14; clay 50; clay gravel 55; gravel sand 65. Water at 62.
Con I	E. Bushy	O. L'Ecuver	Sep. 3, 1960	4						Red sand 12; blue clay 46; hardpan 70; black shale 78. Dry hole.
Con I	J. Batsford	"	Mar. 28, 1961	4	2	40	22	Fresh	D	Red sand 12; soft blue clay 50; hardpan 60; gravel fine sand 64. Water at 62.
Con I	A. Bushy	"	Oct. 15, 1961	4			15	"	D	Red sand 12; soft blue clay 50; hardpan 65; sand gravel 68. Water at 65.
Con I	"	"	Oct. 30, 1961	4	2	40	15	"	D	Hard sandy clay 25; soft blue clay 50; hardpan 60; fine sand 62; sand gravel 63. Water at 63.
Con I	J. L. Rayment	"	Sep. 4, 1962	4	1	40	15	"	D	Topsoil 16; sand 22; clay 59; sand 64; shale 73. Dry hole.
Con I	M. Gottlieb	C. & M. Johnston	Dec. 13, 1963	4						Sandy loam 12; blue clay 55; hardpan 66; gravel 66; shale. Water from 66 to 68.
Con I	W. Bodnar	O. L'Ecuver	Jan. 18, 1961	4	2	65	22	Fresh	D	Red sandy soil 10; blue clay 45; hardpan 65; gravel 68; sand gravel 70. Water at 68.
Con I	W. Keesh	"	Feb. 1, 1961	4	3	40	22	"	D	Red sand 12; blue clay 45; hardpan 70; black shale 80. Dry hole.
Con I	G. Larkin	"	Apr. 11, 1961	4						Red sand 10; blue clay 50; hardpan 64; sand gravel 66; black shale 75. Water from 64 to 66.
Con I	A. Vanzieleghem	"	Apr. 23, 1961	4	2 1/2	50	22	Fresh	D	Yellow sand 20; blue clay 45; clay sand 53; grey clay 62; gas 63; sand 64; gravel shale 70; shale 72. Dry hole.
Con I	R. Lucier	C. & M. Johnston	May 12, 1961	4						Red sand 12; soft blue clay 50; hardpan 60; sand gravel 62. Water at 60.
Con I	J. Bushy	O. L'Ecuver	Nov. 20, 1961	4	2 1/2	40	15	Fresh	D	Hard clay 10; soft clay 50; hardpan 64; sand gravel 66. Water at 66.
Con I	Oornhall Bros.	"	Aug. 9, 1962	4	2 1/2	30	20	"	D	

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Onatham Twp. - cont.										
Con I lot 12	W. Fisher	J.E. Smith	Aug. 21, 1961	4						Dark clay 4; sand 18; blue clay 52; sand 56; black shale 80. Dry hole.
Con I " 12	"	"	Sep. 5, 1961	4	4	25	15	Fresh	N	Yellow sand 18; clay 52; coarse sand 56. Water at 56.
Con I " 12	Loucks Hatchery	C. & M. Johnston	Oct. 28, 1961	4				"	N	Yellow sand 8; blue sand 19; gray sand 20; gray clay 50; gray sand 62; gray sand pebbles 68; shale 75. Water at 61 and 58.
Con I " 12	W. Fisher	R. Pinsonneault	May 8, 1962	4			10	"	N	Topsoil 4; white quicksand 20; blue clay 23; fine white sand 30; blue clay 56; fine sand blue clay 69; black shale 75. Water at 56.
Con I " 12	K. Houston	G.L. McGaffey	May 14, 1962	4						Clay 45; hardpan 55; sand 67; black shale 108; blue shale. Dry hole.
Con I " 12	"	"	May 21, 1962	4						Clay 8; sand 15; clay 44; sand 60; hardpan gravel 71; black shale 86. Dry hole.
Con I " 12	"	"	May 28, 1962	4	3	45	25	Fresh	S	Clay 12; sand 15; clay 45; sand gravel 59; hardpan 68; hardpan gravel 71; black shale 90. Water at 84.
Con I " 12	W. Fisher	R. Pinsonneault	Nov. 10, 1962	4			18½	"	N	Clay 4; sand 20; clay 23; white sand 30; blue clay 52; sand gravel clay 56; black silt 56; sand gravel clay 66; shale 85. Water at 56.
Con I " 12	"	"	Nov. 20, 1962	4	3	45	18	"	D, S	Clay 4; sand 20; clay 23; white sand 30; blue clay 55; sand clay gravel 63; fine sand 63; sand clay 70; sand gravel clay 71. Water from 70 to 71.
Con I " 17	R. Clark	D. Lecuyer	Sep. 17, 1963	4	2½	60	12	"	D	Clay 5; sand 18; clay 54; gravel sand 77; black shale 80. Water at 70.
Con II " 3	G. Okrucky	"	Sep. 2, 1961	4						Clay 12; sand 13; clay 17; sand 18; clay 55; clay sand pebbles 67; coarse gravel 74. Dry hole.
Con II " 3	"	"	Sep. 12, 1961	4	1	14	12	Fresh	D	Clay 11; sand 13; clay 17; clay pebbles 56; clay gravel 61; coarse gravel 73; black coarse shale 75. Water from 61 to 75.
Con II " 3	G. Martin	O. L'Ecuier	Dec. 1, 1962	4	2	50	15	"	D	Red sand 12; soft blue clay 50; hardpan 69; sand gravel 70. Water at 70.
Con II " 3	J.G. Bell	"	Feb. 4, 1963	4	4	21	20	"	D	Blue clay 55; hardpan 64; gravel 66. Water from 64 to 66.
Con II " 3	J. Vanuden	D. Lecuyer	Jul. 14, 1963	4						Clay 15; sand 17; clay 65; clay sand gravel 70; gravel clay 72; black shale 80. Dry hole.
Con II " 3	"	"	Jul. 20, 1963	4						Clay 16; sand 17; clay 55; gravel clay 65; gravel sand 68; black shale 72. Dry hole.
Con II " 3	"	"	Aug. 2, 1963	4						Clay 15; sand 25; clay 50; gravel clay 60; gravel sand 68; black shale 72. Dry hole.
Con II " 3	"	"	Aug. 10, 1963	4						Clay 15; sand 17; clay 40; gravel clay 62; gravel shale 66; black shale 68. Dry hole.
Con II " 4	N. Philippi	C. L'Ecuier	Jul. 12, 1960	4						Clay 12; sand 14; clay 46; clay pebbles 62; coarse loose shale 64; black shale 66. Dry hole.
Con II " 4	"	"	Jul. 18, 1960	4						Clay 12; sand 13; clay 46; clay pebbles 61; gravel clay 64; black shale 65. Dry hole.
Con II " 4	A. LeGrix	"	Nov. 4, 1960	4	2	82	14	Fresh	D	Clay 10; sand 13; clay pebbles 71; clay gravel 72; black shale 81; sandy shale 82. Water at 82.
Con II " 4	E. Kayne	D. Licuyer	Jan. 6, 1961	4	2	50	16	"	D	Clay 10; sand 14; clay 45; clay sand pebbles 70; gravel 75; gravel loose shale 84; soft black shale 88. Water at 88.
Con II " 4	H. Ryken	"	Jan. 11, 1961	4	2½	77	14	"	D	Clay 9; sand 13; clay 45; clay pebbles 68; gravel sand 70; soft black shale 77. Water at 77.
Con II " 4	A. Hystek	O. L'Ecuier	Jul. 16, 1962	4	2½	40	22	"	D	Red sand 12; soft blue clay 55; hardpan 75; brown shale 82. Water at 82.
Con II " 4	S. Garon	"	Jan. 10, 1963	4						Soft clay 55; hardpan 63; black shale 68. Dry hole.
Con II " 4	"	"	Jan. 18, 1963	4	1	42	17	Fresh	D	Soft blue clay 55; hardpan 63; loose shale gravel 66. Water from 64 to 66.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Chatham Twp. - cont.										
Con III	T. Brown	R. Pinsonneault	Apr. 10, 1963	4		18		Fresh	N	Topsoil 3; clay 12; white sand 16; clay 20; white sand 29; clay 53; black sand 54; clay sand gravel 67; shale 75; Water at 52.
Con III	"	"	Apr. 17, 1963	4						Topsoil 3; clay 12; white sand 16; clay 20; white sand 24; clay 56; clay shale 62; shale 67. Dry hole.
Con III	J. Kusalik	C. & M. Johnston	Jun. 10, 1963	4	2	17	9	Fresh	N	Sand 12; clay 29; sand 32; clay 46; clay stone 53; clay gravel 68; shale 72; totrock 73. Water from 29 to 32 and at 54.
Con III	"	"	Jun. 17, 1963	4	2	18	8	"	D, S	Sand 12; clay 27; sand 30; clay 49; fine stone 50; shale 58; clay gravel 67; shale 72. Water from 27 to 30 and at 72.
Con IV	Pioneer Feeds	D. Lecuyer	May 18, 1962	4	4	50	14	"	S	Clay 14; sand 16; clay 70; sand gravel 71; gravel 72; black shale 74. Water at 72.
Con IV	"	"	May 24, 1962	4						Clay 14; sand 15; clay 69; sand gravel 72; black shale 74. Dry hole.
Con IV	"	"	May 28, 1962	4	2	65	14	Fresh	S	Clay 13; sand 15; clay 69; sand gravel 72; black shale 74. Water at 72.
Con IV	"	"	Jun. 5, 1962	4	2	65	14	"	S	Clay 14; sand 17; clay 69; sand gravel 72; black shale 75. Water from 72 to 75.
Con IV	Separate S.S. 5	O. L'Ecuier	Dec. 22, 1962	4	2	50	22	"	P	Hard red sand 12; soft blue clay 65; hardpan 69; sand gravel 70. Water at 70.
Con IV	Pioneer Hi-bred Corn Co.	R. Pinsonneault	Jun. 19, 1963	4	1	65	18	"	N	Sand 18; blue clay 70; sand shale silt 74; shale 80. Water at 75.
Con IV	"	"	Aug. 24, 1963	4	5	58	9	"	S	Sand 18; blue clay 70; white sand 74; shale 84. Dry hole.
Con IV	"	Hadco Well Digging	Jun. 10, 1963	2 7/8				"	S	Topsoil 1; brown hardpan 9; blue sandy clay 11; blue sand 24; blue clay 32; blue sand 36; blue clay 60. Water at 11 and 32.
Con IV	"	"	Aug. 12, 1963	30	5	58	10	"	S	Topsoil 1; brown hardpan 9; blue sandy clay 11; blue sand 24; blue clay 32; blue sand 36; blue clay 60. Water at 11 and 32.
Con IV	"	"	Aug. 20, 1963	30	3	58	12	"	S	Topsoil 1; brown hardpan 10; blue sand 24; blue clay 60. Water at 12.
Con IV	"	"	Aug. 20, 1963	30	3	45	12	"	S	Topsoil 1; brown hardpan 10; blue sand 24; blue clay 60. Water at 12.
Con IV	G. Blonde	C. & M. Johnston	Sep. 6, 1963	4	2	25	21	"	D, S	Topsoil 4; sand clay 54; clay gas 58; clay small stone 61; gravel 66; blue shale 86. Water at 19, and from 61 to 66.
Con IV	J. L. Blonde	Hadco Well Digging	Sep. 26, 1963	30	2	32	12	"	S	Topsoil 3; sand 8; brown clay 9; blue sandy clay 12; blue sand 16; blue clay 21; blue sand 25; blue clay 34. Water at 12 and 21.
Con V	W. Moir	R. W. Simpson	May 24, 1960	4	4	16	12	"	D, S	Topsoil 2; yellow sand 16; blue clay 66; sand gravel 68; black shale. Water at 66.
Con V	C. Miesielem	O. L'Ecuier	May 15, 1962	4	8	15	10	"	D	Red sand 10; soft blue clay 54; gravel shale 55. Water from 54 to 55.
Con V	A. Craven	D. C. Simpson	Aug. 10, 1962	4	3	35	17	"	S	Red sandy soil 9; blue clay 47; gravelly hardpan 52; loose shale gravel 58; black shale 63. Water from 52 to 58.
Con V	H. Turner	R. W. Simpson	Jul. 10, 1960	4	7	12	10	"	D, S	Topsoil 3; yellow sand 8; quicksand 9; blue clay 50; hardpan 60; loose shale 61. Water at 60.
Con V	"	"	Jul. 14, 1960	4		60	10	"	N	Topsoil 3; yellow sand 9; blue clay 50; hardpan 60; black shale 67. Water at 60.
Con VI	S.S. # 5	O. L'Ecuier	Feb. 7, 1963	4	2 1/2	40	15	"	P	Red sand 10; soft clay 60; hardpan 70; sand gravel 73. Water from 70 to 75.
Con VI	J. Van Raay	"	Oct. 20, 1963	4	4	22	13	"	D, S	Hard sand 12; soft clay 62; black shale 65. Water at 65.
Con VI	L. Clapp	R. W. Simpson	Aug. 4, 1960	4				"		Topsoil 3; yellow sand 8; blue clay 51; hardpan 62; black shale. Dry hole.
Con VI	"	"	Aug. 5, 1960	4				"		Topsoil 3; yellow sand 8; blue clay 51; hardpan 63; black shale 64. Dry hole.
Con VI	"	"	Aug. 6, 1960	4				"		Topsoil 3; yellow sand 8; blue clay 50; hardpan 62; black shale. Dry hole.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Chatham Twp. - cont.										
Con IX lot 10	E. Davis	D.C. Simpson	Apr. 12, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 15, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 17, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 17, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 18, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 18, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 19, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 19, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 20, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 20, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 10	"	"	Apr. 20, 1963	4						Topsoil 2; red clay 6; grey clay 43; black shale. Dry hole.
Con IX " 14	C. Prey	"	Sep. 15, 1962	4	3	28	12	Fresh	N	Topsoil 5; blue clay 5; gravel 55; shale. Water from 52 to 55.
Con IX " 14	"	"	Sep. 18, 1962	4	3 1/2	28	12	Fresh	D, S	Topsoil 5; blue clay 5; gravel 56; black shale. Water from 51 to 56.
Con IX " 15	O. Gervais	R.W. Simpson	Feb. 21, 1962	4						Topsoil 2; yellow clay 8; blue clay 51; black shale 55. Dry hole.
Con IX " 15	"	D. Lecuyer	Mar. 28, 1962	4						Clay 16; sand 20; clay 50; sand gravel 53; black shale 56. Dry hole.
Con IX " 15	"	"	Apr. 2, 1962	4	2 1/2	20	10	Fresh	D	Clay 15; sand 18; clay 52; gravel 53; black shale 55. Water from 52 to 53.
Con IX " 15	D.J. McGorman	"	Apr. 4, 1962	4						Clay 50; sand gravel 53; black shale 54. Water at 53.
Con IX " 15	"	"	Apr. 13, 1962	4	4	12	9	Fresh	D	Topsoil 2; yellow clay 8; blue clay 40; hardpan 53. Dry hole.
Con IX " 18	G. Robinson	R.W. Simpson	Sep. 29, 1961	4						Topsoil 2; yellow clay 8; blue clay 40; hardpan 57. Dry hole.
Con IX " 18	"	"	Oct. 1, 1961	4						Topsoil 2; yellow clay 7; blue clay 32; hardpan 57; black shale. Dry hole.
Con IX " 18	"	"	Oct. 6, 1961	4						Topsoil 4; yellow clay 8; blue clay 42; muddy sand 50; hardpan 59; black shale. Dry hole.
Con IX " 18	"	"	Oct. 10, 1961	4						Topsoil 2; yellow clay 6; blue clay 40; black shale 42. Dry hole.
Con IX " 19	Separate S.S.	"	Jan. 13, 1961	4						Topsoil 2; yellow clay 6; blue clay 43; black shale 47. Dry hole.
Con IX " 19	"	"	Jan. 14, 1961	4						Topsoil 4; yellow clay 9; blue clay 45; black shale 48. Dry hole.
Con IX " 19	"	"	Jan. 14, 1961	4						Topsoil 3; yellow clay 9; blue clay 43; black shale. Dry hole.
Con IX " 19	"	"	Jan. 20, 1961	4						Topsoil 4; yellow clay 7; blue clay 45; black shale. Dry hole.
Con IX " 19	"	"	Jan. 22, 1961	4						Topsoil 4; yellow clay 9; blue clay 52; hardpan 57. Dry hole.
Con IX " 19	"	"	Jan. 24, 1961	4	1 1/2	14	14		N	Topsoil 2; yellow clay 7; blue clay 35; hardpan 47; fine sand 49.
Con IX " 19	"	"	Feb. 8, 1961	4	1 1/2	14	14	Fresh	N	Topsoil 2; yellow clay 7; blue clay 35; hardpan 53. Dry hole.
Con IX " 19	"	"	Feb. 10, 1961	4						Topsoil 2; yellow clay 7; blue clay 40; hardpan 47; fine sand 49. Water at 47.
Con IX " 19	"	"	Feb. 14, 1961	4						Topsoil 3; yellow clay 8; blue clay 40; hardpan 59. Dry hole.
Con IX " 19	S.S. # 8	"	Dec. 1, 1961	4						Topsoil 2; yellow clay 7; blue clay 30; hardpan 40; fine sand 41; hardpan 54; black shale 55. Dry hole.
Con IX " 19	"	"	Dec. 5, 1961	4	3	28	12	Fresh	P	Yellow clay 7; blue clay 29; hardpan 39; sand 40; hardpan 52. Water at 41.
Con IX " 20	"	"	Nov. 25, 1961	4						Yellow clay 5; blue clay 31; fine sand clay 52; black shale 58. Dry hole.
Con IX " 21	W. Higgs	"	Aug. 22, 1961	4						Topsoil 2; yellow clay 8; blue clay 39; hardpan 44; sand 45; hardpan 50; black shale 54. Dry hole.
Con IX " 21	"	"	Aug. 24, 1961	4						Topsoil 2; yellow clay 8; blue clay 39; hardpan 52; black shale. Dry hole.
Con IX " 21	"	"	Aug. 29, 1961	4						Topsoil 2; yellow clay 8; blue clay 39; hardpan 51; black shale 55. Dry hole.
Con IX " 21	"	"	Sep. 5, 1961	4						Topsoil 2; yellow clay 7; blue clay 37; hardpan 47; black shale 55. Dry hole.

Con IX	W. Hagg	R.W. Simpson	Sep. 7, 1961	4	3	28	15	D, S	Topsoil 2; yellow clay 8; blue clay 38; hardpan 48; black shale 53. Dry hole.
Con IX	"	"	Sep. 11, 1961	4					Topsoil 2; yellow clay 8; blue clay 38; hardpan 47; black shale 51. Dry hole.
Con IX	"	"	Sep. 12, 1961	4					Topsoil 2; yellow clay 9; blue clay 35; hardpan 53; black shale 57. Dry hole.
Con IX	"	"	Sep. 18, 1961	4					Topsoil 1; yellow clay 9; blue clay 31; hardpan 52; black shale. Dry hole.
Con IX	"	"	Sep. 20, 1961	4					Topsoil 2; yellow clay 8; blue clay 41; coarse gravel 42; hardpan 43. Water at 41.
Con X	K. Vadovic	D. Wade	Jun. 24, 1961	4					Clay 3; sand 8; grey clay 4; sand 42; black shale 50; grey shale 52. Dry hole.
Con X	"	"	Jun. 27, 1961	4					Clay 3; sand 8; grey clay 4; sand 44; black shale 70. Dry hole.
Con X	"	"	Jun. 29, 1961	4					Dark clay 3; sand 8; grey clay 4; muck 44; black shale 51; grey shale 57. Dry hole.
Con X	"	"	Jul. 3, 1961	4					Dark clay 3; sand 8; grey clay 37; black shale 50; grey shale 55. Dry hole.
Con X	"	O. L'Ecuier	Jul. 11, 1961	4	4	8	7	Fresh	Red sand clay 8; blue clay 40; hardpan 43; loose shale gravel 44. Water from 43 to 44.
Con X	H. Jones	R.W. Simpson	Oct. 19, 1961	4					Topsoil 3; yellow clay 7; blue clay 54; loose shale 61; black shale 63. Dry hole.
Con X	"	"	Oct. 22, 1961	4					Topsoil 3; yellow clay 7; blue clay 53; loose black shale 58. Dry hole.
Con X	"	"	Oct. 24, 1961	4	1 1/2	59	15	Fresh	Topsoil 3; yellow clay 6; blue clay 52; hardpan sand 59. Water at 59.
Con X	E. Chandler	D.C. Simpson	Aug. 27, 1963	4					Topsoil 1; sand 5; grey clay 48; shaly hardpan 51; layers gravel hardpan 56; gravelly hardpan 85; black shale 87. Dry hole.
Con X	"	"	Sep. 2, 1963	4	4	30	16	Fresh	Topsoil 1; red sand 4; grey clay 52; shaly hardpan 56; gravel 57; hardpan 59. Water at 56.
Con X	D. Solomon	H. McDonald	Dec. 18, 1963	4	3	28	25	"	Topsoil 1; red sand 6; clay 49; gravel 53. Water at 49.
Con X	O. Patterson	"	May 6, 1961	4					Topsoil 2; brown clay 6; quicksand 13; brown clay 18; blue clay 48; gravel 50; black shale 70. Dry hole.
Con X	"	"	May 9, 1961	4					Topsoil 2; brown clay 8; quicksand 13; brown clay 19; blue clay 49; gravel 52; black shale 87. Dry hole.
Con X	"	"	May 12, 1961	4					Topsoil 2; brown clay 8; quicksand 12; brown clay 15; blue clay 51; gravel 65; black shale 95. Dry hole.
Con X	"	"	May 15, 1961	4					Topsoil 2; brown clay 8; quicksand 14; brown clay 20; blue clay 47; gravel 51; black shale 60. Dry hole.
Con X	S. Myers	"	May 22, 1961	4					Topsoil 2; brown clay 8; quicksand 12; brown clay 15; blue clay 45; gravel 52; black shale 60. Dry hole.
Con X	H. Lamers	D.C. Simpson	Dec. 5, 1963	4					Topsoil 2; red sand 8; clay 50; hardpan 65; black shale. Dry hole.
Con X	"	"	Dec. 7, 1963	4	3	21	18	Fresh	Topsoil 2; red sand 6; clay 12; quicksand 13; blue clay 43; sand gravel 44; hardpan 49. Water at 43.
Con X	J. Meyers	"	Dec. 13, 1963	4	2 1/2	24	16	"	Topsoil 2; red sand 6; clay 41; gravel 42; hardpan 44 1/2. Water at 41 1/2.
Con X	W.G. Lucas	H. McDonald	Mar. 20, 1961	4					Topsoil 2; brown clay 10; quicksand 14; brown clay 20; blue clay 50; gravel 53; black shale 83. Dry hole.
Con X	Dresden Produce	D.C. Simpson	Sep. 28, 1962	4					Topsoil sandy loam 2; red sand 9; quicksand 11; blue clay 45; hardpan 56. Dry hole.
Con X	"	"	Sep. 29, 1962	4	3 1/2	35	11	Fresh	Loamy topsoil 4; red clay 8; quicksand 10; blue clay 43; hardpan 54; gravel 56; black shale 62. Water at 54.
Con XI	O. McOathern	R.W. Simpson	Dec. 27, 1960	3	3	25	16	"	Topsoil 1; yellow clay 12; blue clay 54; shaly gravel 56; black shale 58. Water at 54.
Con XI	J. Squires Jr.	D.C. Simpson	Aug. 24, 1963	4	6	46	43	"	Topsoil 1; red sand 4; grey clay 51; gravelly hardpan 55; gravel 59; hardpan 66. Water at 55.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Chatham Twp. - cont.										
Con XI	M. McCorkle	R.W. Simpson	Sep. 10, 1963	4						Topsoil 5; blue clay 52; black shale. Dry hole.
Con XI	"	"	Sep. 11, 1963	4						Topsoil 3; blue clay 50; black shale 55. Dry hole.
Con XI	"	"	Sep. 13, 1963	4						Topsoil 3; blue clay 51; black shale 53. Dry hole.
Con XI	"	"	Sep. 14, 1963	4						Topsoil 3; blue clay 50; black shale. Dry hole.
Con XI	"	"	Sep. 15, 1963	4						Topsoil 3; blue clay 50; black shale. Dry hole.
Con XI	"	"	Sep. 16, 1963	4						Topsoil 2; blue clay 50; black shale 53. Dry hole.
Con XI	"	"	Sep. 18, 1963	4						Topsoil 2; blue clay 50; black shale 52. Dry hole.
Con XI	H. McCorkle	"	Sep. 20, 1963	4						Topsoil 2; blue clay 50; grey black shale 54. Dry hole.
Con XI	F. Kys	"	Sep. 20, 1963	4						Topsoil 5; blue clay 50; black shale 55. Dry hole.
Con XI	"	"	Sep. 21, 1963	4						Topsoil 3; blue clay 50; black shale. Dry hole.
Con XI	"	"	Sep. 21, 1963	4						Topsoil 3; blue clay 50; black shale 52. Dry hole.
Con XI	"	"	Sep. 27, 1963	4						Topsoil 3; blue clay 51; black shale 54. Dry hole.
Con XI	"	"	Sep. 24, 1963	4						Topsoil 3; blue clay 50; black shale. Dry hole.
Con XII	G. Tiffin	"	Apr. 23, 1962	4						Topsoil 2; yellow sand 7; blue clay 50; black grey shale 52. Dry hole.
Con XII	"	"	Apr. 24, 1962	4						Topsoil 2; yellow sand 7; quicksand 8; blue clay 50; black grey shale 55. Dry hole.
Con XII	"	"	Apr. 25, 1962	4						Topsoil 2; yellow sand 7; blue clay 50; black grey shale 53. Dry hole.
Con XII	"	"	Apr. 28, 1962	4						Topsoil 2; yellow clay 9; blue clay 50; black grey shale 53. Dry hole.
Con XII	"	"	Apr. 29, 1962	4	4	16	14	Fresh	D, S	Topsoil 2; yellow sand 7; blue clay 51; black grey soft shale 53. Water at 51.
Con XII	O. Goetheyn	D. Wade	Apr. 14, 1960	4						Sand 12; grey clay 57; hardpan 70; grey shale 88; brown shale 125. Dry hole.
Con XII	"	"	Apr. 19, 1960	4						Sand 12; grey clay 56; hardpan 72; grey shale 80. Dry hole.
Con XII	"	"	Apr. 21, 1960	4	1 1/2	70	21	Fresh	D, S	Sand 12; grey clay 55; hardpan 73; grey shale 81; black shale 84. Water at 74.
Con XII	H. Irwin	R.W. Simpson	Oct. 24, 1960	4	4	18	14	Fresh	D	Topsoil 3; yellow clay 10; blue clay 55; black shale. Dry hole.
Con XII	"	"	Oct. 25, 1960	4						Topsoil 3; yellow clay 10; blue clay 54; black shale 55. Water at 54.
Con XII	"	"	Aug. 18, 1961	4	2	50	16	"	D, S	Topsoil 4; blue clay 54; black shale 56. Water at 54.
Con XII	H. Jackson	"	Aug. 2, 1962	4	4					Topsoil 2; blue clay 50; soft black shale. Dry hole.
Con XII	H. McCorkle	"	Aug. 4, 1962	4	4					Topsoil 2; yellow soil 5; blue clay 53; black shale. Dry hole.
Con XII	"	"	Aug. 6, 1962	4	4					Topsoil 2; blue clay 50; black shale 73. Dry hole.
Con XII	"	"	Aug. 7, 1962	4	4					Topsoil 2; blue clay 50; black shale 65. Dry hole.
Con XIII	L. Bozo	D. Lecuyer	May 13, 1962	4						Clay 18; sand 19; clay 67; gravel clay 68; black greenish shale 78. Dry hole.
Con XIII	"	"	Feb. 24, 1962	4						Topsoil 2; yellow sand 7; blue clay 51; black shale 55. Dry hole.
Con XIV	H. Daly	R.W. Simpson	May 16, 1963	4	8	21	14	Fresh	N	Clay loam 2; red clay 4; sand 6; sand clay 62; sand gravel 64; black shale 70. Water at 62.
Con XIV	L. Brown	D.C. Simpson	Jun. 3, 1963	4	6	30	15	"	D, S	Topsoil 4; sand 8; grey clay 60; dark grey clay 62; sand gravel 63. Water at 62.
Con XIV	"	"	Jan. 14, 1961	2						Topsoil 2; yellow sand 7; quicksand 41; blue clay 63; silty black grey sand 8; black shale 94. Dry hole.
Con XIV	"	"	Mar. 9, 1961	2						Topsoil 2; yellow sand 7; quicksand 11; blue clay 63; silty black grey sand 8; black shale 96. Dry hole.
Con XIV	J. Ewing	H. McDonald	Oct. 22, 1960	4						Topsoil 2; brown clay 2; blue clay 58; black shale 61. Dry hole.
Con XIV	"	"	Oct. 25, 1960	4						Topsoil 2; brown clay 2; blue clay 58; black shale 61. Dry hole.
Con XV	S. VanLanduyt	D.C. Simpson	Aug. 3, 1962	4	5	28	28	Fresh	D, S	Topsoil 1; clay loam 4; yellow clay 7; blue clay 61; gravel 66; black shale 71. Water at 61.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Oontham Tp. - cont.										
Gore Con II lot 11	D. Herbert	V. Conlon	Sep. 26, 1963	3	5	22	17	Fresh	D	Sand 6¼ quicksand 10; clay 107; fine sand gravel 110. Water at 108.
Gore Con II " 15	W. DeHencs	H. McDonald	May 28, 1960	4						Topsoil 2¼ quicksand 7; brown clay 15; blue clay 70; sand 72; brown rock 73. Dry hole.
Gore Con II " 15	"	"	Jun. 3, 1960	4	8	14	12	Fresh	D	Topsoil 2¼ quicksand 8; brown clay 15; blue clay 72; gravel 74. Water at 72.
Gore Con II " 15	L.W. Babcock	"	May 4, 1961	4	5	25	13	"	D	Topsoil 2¼ quicksand 8; brown clay 20; blue clay 72; gravel sand 74; brown hardpan 75. Water at 72.
Gore Con II " 16	P. GeldHolf	"	Jun. 24, 1960	4	6	22	18	"	D	Topsoil 2; brown clay 12; blue clay 73; gravel 74; black shale 76. Water at 73.
Gore Con II " 16	G. Morrow	D. Wade	Mar. 17, 1961	3						Dark clay 2; sand 8; grey clay 67; sand 70; black shale 93; gas 75. Dry hole.
Gore Con II " 16	Ont. Dept. of Highways	H. McDonald	Oct. 9, 1961	5	1	75	27	Fresh	N	Topsoil 2; brown clay 8; quicksand 10; blue clay 77; gravel 77; brown rock 80. Water at 77.
Gore Con II " 16	W. Holmes	D. Wade	Oct. 12, 1961	3½	6	35	27	"	N	Yellow clay 12; grey clay 73; hardpan 76; black shale 87. Water at 76.
Gore Con II " 16	Ont. Dept. of Highways	H. McDonald	Oct. 13, 1961	5	8	26	15	"	P	Topsoil 2; brown clay 6; quicksand 8; blue clay 73; gravel 74; black shale 75. Water at 74.
Gore Con II " 16	W. Holmes	D. Wade	Oct. 14, 1961	3½	6	35	27	"	D	Clay 12; blue clay 73; gravel 74; black shale 75. Water at 75.
Gore Con II " 16	J. Smith	V. Conlon	Jul. 1, 1962	3						Topsoil 2; yellow sand 10; blue clay 72; fine black sand 79. Dry hole.
Gore Con II " 16	"	"	Jul. 4, 1962	3	3	36	26½	Fresh	D	Topsoil 2; yellow sand 10; blue clay 72; fine sand 74; medium gravel 75. Water at 74.
Gore Con II " 17	S. Pierce	H. McDonald	Sep. 23, 1963	4	4	45	20	"	D, S	Topsoil 2; brown clay 20; blue clay 75; gravel 76; black shale 78. Water at 76.
Gore Con II " 21	R. Moninger	"	Sep. 14, 1960	4	6	20	17	"	D	Topsoil 2; brown clay 12; blue clay 68; gravel 70; brown rock 71. Water at 68.
Gore Con II " 23	W. Perry	"	May 11, 1963	4	5	14	8	"	D	Topsoil 2; brown clay 20; blue clay 63; gravel 66; black shale 66. Water at 63.
Gore Con II " 24	C. Lindsay	D. Wade	Aug. 27, 1960							Sand 12; blue clay 61; hardpan 62; black shale 87; grey shale 90. Dry hole.
Gore Con II " 24	"	"	Aug. 30, 1960	4	4					Sand 12; blue clay 60; hardpan 63; black shale 85; grey shale 90. Dry hole.
Gore Con II " 24	"	"	Sep. 2, 1960	4	3	78	14	Salty	N	Sand 12; blue clay 60; hardpan 62; black shale 78. Water at 78.
Gore Con II " 24	"	"	Sep. 6, 1960	4						Sand 12; blue clay 61; hardpan 62; black shale 84. Dry hole.
Gore Con II " 24	"	"	Sep. 8, 1960	4	2	80	26	Salty	N	Sand 12; grey clay 60; sand 62; black shale 80. Water at 75.
Gore Con II " 24	"	"	Sep. 10, 1960	4						Sand 12; grey shale 65; black shale 80; grey shale 85. Dry hole.
Gore Con II " 24	"	"	Sep. 13, 1960	4	5	27	11	Fresh	D, in	Clay 13; sand 15; blue clay 59; sand 60; black shale 85. Dry hole.
Gore Con II " 24	"	"	Sep. 14, 1960	4	2	50	12	"	D	Sand 15; grey clay 60; hardpan 63; black shale 76. Water at 68.
Gore Con II " 27	E. Benoit	H. McDonald	Mar. 27, 1962	4						Topsoil 2; brown clay 12; blue clay 56; gravel 58; black shale 60. Water at 56.
Gore Con II " 27	F. Chauple	"	Sep. 10, 1962	4	10	12	8	"	D	Topsoil 2; brown clay 12; blue clay 50; gravel 52; black shale 55. Water at 50.
Gore Con II " 27	D. Cooper	"	Sep. 10, 1963	4	5	35	27	"	D	Topsoil 2; brown clay 12; blue clay 56; gravel 57; black shale 60. Water at 57.
Gore Con II " 27	S. Austin	"	Sep. 30, 1963	4						Topsoil 2; brown clay 14; quicksand 15; blue clay 58; black shale 65. Dry hole.
Gore Con II " 27	"	"	Oct. 1, 1963	4						Topsoil 2; brown clay 14; quicksand 15; blue clay 59; black shale 65. Dry hole.
Gore Con II " 27	"	"	Oct. 2, 1963	4	2	62	24	Fresh	D	Topsoil 2; brown clay 12; quicksand 14; blue clay 58; black shale 65. Water at 62.

Gore Con II	S. Crossman	R.W. Simpson	Aug. 20, 1961	4	5	24	23	Salty	D	Topsoil 2; yellow clay 8; blue clay 56; black shale 57. Water at 56.
Gore Con II	D. McPadden	"	Nov. 1, 1960	4	3	20	10	Fresh	N	Topsoil 7; blue clay 52; black shale 5. Water at 52.
Gore Con II	"	"	Nov. 3, 1960	4	2	50	10	"	D, S	Topsoil 2; brown clay 49; black shale 50. Water at 49.
Gore Con II	"	H. McDonald	Oct. 27, 1962	4						Topsoil 2; brown clay 22; blue clay 50; silty gravel sand 50; black shale 65. Dry hole.
Gore Con II	"	"	Oct. 29, 1962	4						Topsoil 2; brown clay 22; blue clay 50; gritty clay 50; black shale 55. Dry hole.
Gore Con II	"	"	Dec. 1, 1962	4						Topsoil 2; brown clay 22; blue clay 50; silty gritty clay 50; black shale 66; black gravel white cones 68; black shale 72. Dry hole.
Gore Con II	"	"	Dec. 5, 1962	4	2	63	10	Fresh	D, S	Topsoil 2; brown clay 22; blue clay 49; gravel 51; black shale 63. Water from 49 to 51.
Gore Con III	G. Moode	V. Conlon	Mar. 27, 1961	2	7	13	7	"	D, S	Topsoil 3; hard dark clay 12; soft blue clay 103; fine sand coarse gravel 106. Water from 103 to 106.
Gore Con III	T. Scholten	D. Wade	Sep. 27, 1963	4	3	27	14	"	S	Yellow clay 8; grey clay 102; hardpan 104; black shale 109. Water at 109.
Gore Con III	J. Bell-Isle	"	Apr. 18, 1963	4	3	22	22	"	D	Yellow clay 10; grey clay 93; sand 95; black shale 100. Water at 100.
Gore Con III	R. McGregor	H. McDonald	Oct. 3, 1962	8 1/2						Topsoil 2; brown clay 21; blue clay 82; gravel 85; black shale 105. Dry hole.
Gore Con III	"	"	Oct. 6, 1962	8 1/2						Topsoil 2; brown clay 20; blue clay 80; gravel 85; black shale 105. Dry hole.
Gore Con III	"	"	Apr. 22, 1963	4						Topsoil 2; brown clay 22; blue clay 83; gravel 85; black shale 145; brown clay 148. Dry hole.
Gore Con III	W.W. McGregor	"	Jun. 3, 1963	4						Topsoil 2; brown clay 18; blue clay 83; black shale 85. Dry hole.
Gore Con III	"	"	Nov. 2, 1963	4						Topsoil 2; brown clay 22; blue clay 84; black shale 90. Dry hole.
Gore Con III	"	"	Nov. 26, 1963	4	5	35	8	Fresh	D	Topsoil 2; brown clay 24; blue clay 82; gravel 83; black shale 85. Water at 82.
Gore Con III	O. McCreary	"	May 21, 1963	4	5	14	12	"	D	Topsoil 2; brown clay 22; blue clay 70; gravel 72; black shale 74. Water at 70.
Gore Con III	C. Langstaff	D. Wade	Dec. 5, 1961	4	7	25	16	"	D, S	Sand 8; grey clay 65; sand 66; black shale 82. Water at 66.
Gore Con III	"	"	Nov. 20, 1963	4	4	27	15	"	D	Sand 10; grey clay 44; blue clay 64; sand gravel 66; black shale 74. Water at 68.
Gore Con III	S.S. 13. Keith	"	Apr. 2, 1963	4						Dark clay 3; quicksand 8; grey clay 60; hardpan 63; black shale 80. Dry hole.
Gore Con III	"	"	Apr. 10, 1963	4	1	77	13	Fresh	N	Dark clay 3; quicksand 8; grey clay 61; hardpan 63; black shale 77. Water at 63.
Gore Con III	"	"	Apr. 11, 1963	4	3	24	12	"	P	Dark soil 2; quicksand 7; grey clay 60; hardpan 63; black shale 86; grey shale. Water at 68.
Gore Con IV	A. Davis	V. Conlon	May 4, 1961	4						Sandy topsoil 3; quicksand 12; blue clay 130; fine grey black sand 140. Dry hole.
Gore Con IV	"	"	May 19, 1961	4	3	35	26	Fresh	D, S	Sandy topsoil 3; quicksand 12; blue clay 130; fine sand fine gravel 132. Water at 132.
Gore Con IV	Romol Corp- oration	D. Wade	Sep. 30, 1963	4	6	13	13	"	In	Sand 8; grey clay 106; sand muck 111; black shale 120. Water at 111.
Gore Con IV	E. Vandermelon	V. Conlon	May 7, 1963	3	4	22	14	"	D, S	Topsoil 2; blue clay 100; gravel fine sand 101. Water at 100.
Gore Con IV	M. Van Ouille	"	May 4, 1960	2	7	25	17	"	D	Topsoil 2; hard blue clay 12; soft blue clay 81; fine sand gravel 63. Water from 61 to 83.
Gore Con IV	R. VanSpybrook	D. Wade	Aug. 28, 1963	4	10	12	12	"	D	Yellow clay 6; grey clay 75; hardpan 78; black shale 82. Water at 78.
Gore Con IV	G. Rosseel	V. Conlon	Oct. 5, 1961	2	5	22	12	"	D	Topsoil 3; hard yellow grey clay 12; soft blue clay 72; fine sand 74; fine sand gravel 75. Water at 75.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix G.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Oxtham Twp. - cont.	S. Meloche	D. Wade	Sep. 4, 1963	4						Yellow clay 8' blue clay 66'; hardpan 72'; grey shale 85'. Dry hole.
	Gore Con IV lot 13	"	Sep. 6, 1963	4						Yellow clay 6' blue clay 64'; hardpan 80'; grey shale 100'. Dry hole.
	Gore Con IV " 13	"	May 17, 1960	3	1 1/2	28	16	Fresh	D, S	Yellow clay 10'; grey clay 80'; sand 70'; black shale 81'. Water at 70'.
	Gore Con IV " 15	"	Mar. 26, 1962	7	1	80	21	"	D, S	Yellow clay 12'; grey clay 66'; hardpan 69'; black shale 84'. Water at 69'.
	Gore Con IV " 15	"	Sep. 5, 1962	4						Yellow clay 8'; grey clay 83'; hardpan 100'; grey shale 112'; black shale 120'. Dry hole.
	Gore Con IV " 15	"	Sep. 7, 1962	4	2	26	18	Salty	D	Yellow clay 10'; grey clay 84'; hardpan 100'; black shale 108'. Water at 105'.
	Gore Con IV " 17	"	Jul. 17, 1961	3	1		12	Fresh	N	Yellow clay 8'; blue clay 55'; hardpan 57'; black shale 94'. Water at 65'.
	Gore Con IV " 17	"	Jul. 20, 1961	3						Yellow clay 8'; blue clay 54'; hardpan 56'; black shale 72'. Dry hole.
	Gore Con IV " 17	"	Jul. 24, 1961	3	1	24	14	Fresh	D, S	Clay 8'; blue clay 54'; sand 56'; black shale 60'. Water at 56'.
	Gore Con IV " 24	H. McDonald	Aug. 27, 1960	4	5	30	13	"	D	Topsoil 2'; brown clay 12'; blue clay 67'; gravel 68'; black shale 69'. Water at 67'.
	Gore Con IV " 24	"	Nov. 2, 1960	4	7	9	7	"	D, S	Topsoil 2'; brown clay 15'; blue clay 61'; gravel 63'; brown rock 64'. Water at 61'.
	Gore Con IV " 27	"	Oct. 9, 1963	4	2	50	12	"	D, S	Topsoil 2'; brown clay 12'; quicksand 14'; blue clay 60'; gravel 61'; black shale 65'. Water at 64'.
	Whatham Cnty	H. English	Jun. 20, 1961	4	1 1/2	60	28	Fresh	D	Yellow sand 5'; soft blue clay sand 25'; sand 29'; blue clay sand 50'; coarse black sand 51'; hardpan gas 52'; sand 59'; hardpan 64'; black rock 84'. Water at 64'.
	Dover Twp.	V. Onlon	Sep. 9, 1963	3	5	22	16	Fresh	D, S	Topsoil 4'; quicksand 9'; clay 86'; fine sand gravel 88'. Water at 88'.
B.F.	" 1	M. Eversart	Dec. 31, 1963	4	5	13	13	"	D	Sand 12'; grey clay 93'; hardpan gas 95'; black shale 98'. Water at 95'.
B.F.	" 2	"	Feb. 15, 1961	4						Clay 4'; sand 7'; grey clay 81'; gravel 82'; black shale 90'. Dry hole.
B.F.	" 2	"	May 30, 1961	4						Sand 7'; grey clay 78'; gravel 80'; black shale 93'. Water at 80'.
B.F.	" 2	M. Osghe	May 26, 1963	4	2	4	22	"	D, S	Topsoil 2'; sand 8'; blue clay 87'; hardpan 88'; fine sand gravel 89'. Water from 88 to 89'.
BRE	" 1	P. Wolfe	Aug. 19, 1960	6						Sand 8'; soft blue mud 65'; sand 67'; black shale 76'. Dry hole.
BRE	" 1	A. Luistermans	Jun. 15, 1962	4						Yellow sand 10'; quicksand 12'; blue mud 55'; quicksand 62'; hard dark rock 64'. Dry hole.
BRE	" 1	"	Jun. 26, 1962	4	2		12	Fresh	D	Sand 10'; blue mud 55'; quicksand 62'; hard dark rock 64'. Water at 64'.
BRE	" 2	"	Aug. 30, 1960	6						Sand 8'; blue mud 68'; sand 70'; black shale 72'. Dry hole.
BRE	" 2	"	Sep. 13, 1960	6						Sand 8'; soft blue mud 65'; sand 70'; black shale 75'. Dry hole.
BRE	" 18	J.R. McKenzie	Sep. 21, 1962	4	4	25	18	Fresh	N	Topsoil 2'; clay 54'; black shale 55'. Water at 54'.
BRW ED	" 7	A. Dewitt	Nov. 10, 1962	4						Clay 18'; sand 19'; clay 55'; gravel sand clay 72'; gravel sand 73'; black shale 77'. Dry hole.
BRW ED	" 7	"	Nov. 16, 1962	4	1	80	7	Fresh	N	Clay 19'; sand 20'; clay pebbles 62'; gravel sand clay 72'; black shale 80'. Water at 75'.
BRW ED	" 24	M. Bossy	Feb. 18, 1963	4	5	30	12	"	D	Red sand 10'; soft clay 53'; sand gravel 55'. Water at 55'.
BRW ED	" 24	J. Couiter	Feb. 21, 1963	4	3	25	12	"	D	Red sand 10'; soft blue clay 55'; sand gravel 56'. Water from 55 to 56'.

Loc 33	J. Onveny	D. Wade	Apr. 24, 1962	4	5	22	18	Fresh	D, S	Clay 61; sand 9; grey clay 56; thin 62; grey shale 69; grey limestone 84. Dry hole.
BRW	"	"	Apr. 25, 1962	4					D, S	Yellow clay 6; grey clay 56; hardpan 64; grey shale 77. Dry hole.
BRW	"	"	Apr. 30, 1962	4					D, S	Yellow clay 6; grey clay 56; hardpan 64; grey limestone 92. Dry hole.
BRW	P. McGrail	V. Onlon	Sep. 1, 1962	4	5	22	18	Fresh	D, S	Topsoil 2; blue clay 59; fine sand gravel 60. Water at 59.
BRW	G. Dean	H. McDonald	Nov. 20, 1960	4	3	77	7		D, S	Topsoil 2; brown clay 75; blue clay 73; gravel sand 76; black shale 77. Water at 74.
ED On I	Canada & Dominion Sugar Co	L.C. Faubert	Jul. 4, 1960	4						Blue clay 29; sand 37; soft grey clay 56; sand gravel 61; black shale 70. Dry hole.
ED On I	"	"	Jul. 7, 1960	4						Grey clay 41; solid sand gas 44; sand gravel 60; black shale 65. Dry hole.
ED On I	"	"	Jul. 19, 1960	4						Grey clay 45; sand gravel 50; soft grey clay 59; sand gravel 61; black shale 64. Dry hole.
ED On I	"	"	Jul. 30, 1960	4	6	45	12	Fresh	D, S	Grey clay 31; sand 36; gritty grey clay 55; sand gravel 60; black shale 61. Water at 60.
ED On I	"	G. Rice	Jul. 8, 1961	4						Sand 10; blue mud 54; quicksand 61. Dry hole.
ED On I	"	"	Jul. 12, 1961	4						Sand 10; blue mud 59; brown shale 63. Dry hole.
ED On I	"	"	Jul. 25, 1961	4						Sand 10; blue mud 59; shale 71. Dry hole.
ED On I	"	D. Wade	Dec. 12, 1961	4						Yellow clay 20; grey clay 45; hardpan 59; black shale 75. Dry hole.
ED On I	"	"	Dec. 18, 1961	4	2	55	20	Fresh	D, S	Yellow clay 20; grey clay 49; hardpan 60; sand gas 61; black shale 90; grey shale 94. Water at 61.
ED On I	J. Brunsha	D. Lecuyer	Feb. 2, 1961	4	2	72	20	"	D	Clay 44; sand 15; clay 55; clay gravel 58; clay 45; sand gravel 65; gravel sand shale 66; black rock 72. Water at 66.
ED On I	T. Gagner	"	Feb. 10, 1961	4	2 1/2	55	20	"	D	Clay 15; sand 16; clay 54; clay gravel 58; clay 64; sand gravel 65; gravel black shale 65 1/2. Water at 65 1/2.
ED On I	"	"	Feb. 20, 1961	4						Clay 12; sand 15; clay 55; clay pebbles 62; sand 63; gravel sand clay 66; black shale 66 1/2. Dry hole.
ED On I	"	"	Feb. 24, 1961	4						Clay 12; sand 14; clay 56; clay pebbles 62; sand clay 63; sand gravel clay 65; black shale 66. Dry hole.
ED On I	"	"	Mar. 7, 1961	4						Clay 12; sand 14; clay 55; clay pebbles 62; sand gravel 64; black shale 65. Dry hole.
ED On I	"	"	Mar. 12, 1961	4						Clay 12; sand 13; clay 54; clay pebbles 62; sand gravel 64; black shale 65. Dry hole.
ED On I	J. Brumma	"	Apr. 12, 1961	4						Clay 14; sand 16; clay 56; clay gravel 65; fine sand 66; black shale 68. Dry hole.
ED On I	"	"	May 7, 1961	4	2	55	26	Fresh	D	Clay 12; sand 13; clay 54; clay gravel 62; gravel sand clay 65; sand gravel 65; black shale 67. Water at 66.
ED On I	"	"	Apr. 21, 1961	4						Clay 13; sand 14; sand clay 15; clay 57; clay pebbles 60; clay gravel 64; sand gravel 66; black shale 66 1/2. Dry hole.
ED On I	T. Gagner	O. L'Euyer	May 15, 1961	4	2 1/2	42	22	Fresh	D	Red sand 8; blue clay 50; hardpan 69; loose shale 70. Water from 69 to 70.
ED On II	"	"	Oct. 12, 1960	4					D	Clay 62; sand clay 67; sand gravel 69; gravel 70. Water at 70.
ED On II	L. Jubenville	"	Nov. 20, 1960	4	2 1/2	22	8	"	D	Clay 69; sand 78; sand clay 80. Dry hole.
ED On II	I. Pelkey	J.A. Johnston	Sep. 7, 1961	4					N	Dark clay 2; yellow clay 13; grey clay 28; sand grey clay 50; grey sand 54; grey sand pebbles 72; gravel 73; shale 75. Water at 50.
ED On II	"	"	Apr. 16, 1963	4						Clay 13; sand 17; blue clay 52; fine sand 72. Water from 13 to 17 and at 68.
ED On II	"	"	Apr. 23, 1963	4	4 1/2	12	7	Fresh	D	Clay 13; sand 18; blue clay 54; fine sand 72. Water from 13 to 18 and from 72 to 72 1/2.
ED On II	M. Roy	D. Lecuyer	Mar. 19, 1962	4						Clay 15; sand 16; clay 62; sand gravel clay 72; sand gravel 74; black shale 75. Dry hole.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Dover Twp. - cont.										
ED Con II lot 8	W. Roy	D. Lecuyer	Mar. 20, 1962	4						Clay 16; sand 17; clay 55; clay pebbles 68; sand clay gravel 74; gravel sand 78; greenish shale 82. Dry hole.
ED Con II " 8	"	"	Mar. 23, 1962	4						Clay 16; sand 17; clay 60; clay pebbles 72; sand 74; black shale 76. Dry hole.
ED Con II " 8	"	"	Mar. 23, 1962	4	4	45	16	Fresh	D	Clay 15; sand 16; clay 63; sand gravel 70; sand coarse gravel 74; Water at 71.
ED Con II " 8	"	"	May 17, 1963	4						Clay loam 2; clay 14; sand 16; grey clay 42; clay gravel 46; hardpan 56; grey clay 67; sand 70; black shale 70. Dry hole.
ED Con II " 8	"	"	May 20, 1963	4	8	19	15	Fresh	D	Clay loam 2; red clay 15; grey clay 38; clay gravel 44; hardpan 58; clay gravel 65; sand 68; gravel 69; sand 70; gravel 71; black shale. Water at 68 1/2.
ED Con II " 8	"	"	Jun. 7, 1962	4	20		14	Fresh	P	Sand 10; blue mud 65; sand gravel 67; broken shale 68. Water at 67.
ED Con II " 9	Ontham Yacht & Boat Club	G. Rice	Apr. 24, 1963	4						Yellow sand 10; blue mud 60; shale 65; sand 67. Dry hole.
ED Con II " 12	G. Parry	"	Apr. 30, 1963	4	2 1/2	63	20	Fresh	D, S	Yellow sand 10; blue mud 62; beach sand 64; broken shale gravel 65. Water at 65.
ED Con II " 12	"	"	Jul. 1, 1962	4	3	40	16	"	D	Red sand 12; soft blue clay 50; hardpan 70; coarse gravel 72.
ED Con III " 12	U. Bechard	O. L'Ecuyer	Aug. 22, 1960	4	4	17	14	"	D	Water at 72; clay 43; clay pebbles 65; fine sand 65; clay coarse gravel 70; sand 74; gravel 81; sandy shale 82. Water from 74 to 82.
ED Con III " 13	J. Couture	"	Feb. 25, 1961	4	1	65	19	"	D	Clay 12; sand 14; clay 15; sand 16; clay 59; clay pebbles 64; clay sand 77; gravel sand 79; black shale 83. Water at 79.
ED Con III " 13	K. Bossy	D. Lecuyer	Jun. 8, 1963	4						Topsoil 2; red clay 12; grey clay 50; hardpan 60; sand 68; black shale 70. Dry hole.
ED Con III " 13	K. Podleski	D. C. Simpson	Jun. 11, 1963	4	1	42	22	Fresh	D	Red clay 10; grey clay 49; hardpan 59; sand 68; shale 69. Water at 59.
ED Con III " 14	L. Faubert	"	Oct. 3, 1962	4						Red clay 4; blue clay 8; sand 40; clay 44; hardpan 46; sand 66; sand gravel 75; black grey shale 82. Dry hole.
ED Con III " 14	"	"	Oct. 6, 1962	4						Topsoil 4; red clay 7; sand 16; blue clay 44; clay gravel 64; sand gravel 77; grey black shale 85. Dry hole.
ED Con III " 14	"	"	Oct. 10, 1962	4						Topsoil 4; clay 8; sand 14; blue clay 48; hardpan 69; gravel sand 75; grey black shale 79. Dry hole.
ED Con III " 14	"	"	Oct. 15, 1962	4						Topsoil clay loam 3; clay 9; sand 20; blue clay 42; clay gravel 43; hardpan 65; sand gravel 76; grey black shale 79. Dry hole.
ED Con III " 14	"	"	Oct. 18, 1962	4						Topsoil 4; clay 8; sand 19; blue clay 45; hardpan 52; sand 56; clay gravel 73; loose grey black shale 75. Dry hole.
ED Con III " 14	"	"	Apr. 16, 1963	4	6	32	21	Fresh	D, S	Topsoil 3; red clay 7; sand 10; blue clay 4; hardpan 49; sand 52; blue clay 76; gravel 70; black shale. Water at 76.
ED Con III " 16	A. Bechard	L. C. Faubert	Oct. 12, 1960	4						Top grey clay 22; quicksand 24; grey clay 63; fine coarse sand 65; shale 69. Dry hole.
ED Con III " 16	"	"	Oct. 13, 1960	4						Top grey clay 21; quicksand 24; grey clay 58; sand 65; shale 66. Dry hole.
ED Con III " 16	"	"	Oct. 15, 1960	4	1 1/2	28	6	Fresh	D, S	Top grey clay 17; quicksand 20; soft grey clay 51; gritty clay 55; coarse sand 57. Water from 55 to 57.
ED Con III " 16	"	"	Oct. 24, 1960	4	1	26	20	"	D, S	Topsoil 13; sand 40; clay 62; sand gravel 72; shale 77. Water at 72.
ED Con III " 24	P. Pomaiba	C. & M. Johnston	Dec. 30, 1963	4	8	30	17	"	D	Clay loam 2; red clay 5; quicksand 7; grey clay 48; hardpan 62; sand 22; gravel 75; hardpan 76. Water at 77.
ED Con IV " 11	J. Pinnoneault	D. C. Simpson	May 23, 1963	4						Red clay 11; blue clay 50; hardpan 60; sand 70. Water from 69 to 70.
ED Con IV " 16	W. Steyling	O. L'Ecuyer	Jun. 15, 1961	4	1	70	7	"	D	

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Dover Twp. - cont.										
ED Con XII lot 10	F. LaBombard	H. McDonald	Sep. 20, 1961	4	6	19	16	Fresh	D	Topsoil 2; brown clay 18; blue clay 58; gravel 69; black shale 72. Water at 69.
ED Con XII	L. Pinsonneault	"	Sep. 27, 1961	4	6	20	16	"	D, S	Topsoil 2; brown clay 16; blue clay 63; gravel 64; black shale 62. Water at 62.
ED Con XII	G. Marchand	D. C. Simpson	Jun. 20, 1963	4	3	44	8	Salty	D	Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 67; gravel 66; limestone. Water at 67.
ED Con XII	A. Clark	"	Jun. 24, 1963	4	4	40	8	"	N	Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 67; limestone 71.
ED Con XII	"	"	Jun. 22, 1963	4						Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 67. Dry hole.
ED Con XII	"	"	Jun. 26, 1963	4	3 1/2	40	8	Salty	D	Topsoil 2; clay 8; sand 12; grey clay 65; gravelly clay 66; gravel 67; limestone. Water at 64 1/2.
ED Con XII	G. H. Black	"	Jun. 26, 1963	4	1	48	8	"	D	Topsoil 2; grey clay 66; sand gravel 67; limestone 68. Water at 66.
ED Con XII	E. Rikley	O. L'Ecuyer	Sep. 20, 1961	4						Red sand hard clay 10; soft blue clay 60; hardpan 65; silt fine sand 68. Dry hole.
ED Con XII	"	H. McDonald	Nov. 15, 1961	4						Topsoil 2; brown clay 10; quicksand 12; brown clay 18; blue clay 65; gravel 69; blue soap stone 79; grey rock 85. Dry hole.
ED Con XII	"	"	Nov. 20, 1961	4						Topsoil 2; brown clay 12; quicksand 14; brown clay 20; blue clay 66; gravel 70; brown hardpan 80; brown rock 91. Dry hole.
ED Con XII	"	D. Wade	Apr. 20, 1962	4	2 1/2		12	Sulphur	D	Yellow clay 8; sand 12; grey clay 60; hardpan 73; grey shale 79; grey limestone 94. Water at 88.
ED Con XIII	J. Lozon	O. L'Ecuyer	Oct. 25, 1963	4						Red sand 5; hard clay 15; soft clay 62; hardpan 64; fine stone 66. Dry hole.
ED Con XIII	J. Robinsen	H. McDonald	Aug. 13, 1962	4						Topsoil 2; brown clay 12; blue clay 62; gravel 64; black shale 70. Dry hole.
ED Con XIII	"	"	Aug. 15, 1962	4						Topsoil 2; brown clay 14; blue clay 60; black shale 70. Dry hole.
ED Con XIII	"	"	Aug. 20, 1962	4						Topsoil 2; brown clay 14; blue clay 60; black shale 60. Dry hole.
ED Con XIII	Webster Bros.	R. B. Webster	Jun. 6, 1961	4	8	26	14	Fresh	P	Sandy topsoil 10; blue clay 56; black sand 68; black shale 94. Water at 69.
ED Con XIV (Martin's Island)	H. Whitney	H. McDonald	Aug. 31, 1961	4	8	8	3	"	D	Topsoil 2; brown clay 7; quicksand 9; blue clay 69; gravel sand 70; brown rock 71. Water at 69.
ED Con XIV	M. Funnewart	V. Conlon	Sep. 19, 1961	2	4	30	10	"	N	Black muck 2; yellow sand 6; quicksand 9; blue clay 69; fine sand fine gravel salt 71. Water at 69.
ED Con XIV	J. Crowe	H. McDonald	Jun. 6, 1962	4	20	22	12	"	D	Topsoil 2; brown clay 22; blue clay 60; sand 63; gravel 66; brown rock 67. Water at 60.
ED Con XV	J. McGrail	V. Conlon	May 23, 1963	4	2 1/2	40	32	"	D, S	Topsoil 2; blue clay 8; quicksand 12; hard yellow clay 20; blue clay 67; fine sand 69; gravel. Water at 69.
ED Con XVII	R. Duguay	H. McDonald	Jul. 1, 1963	4						Topsoil 2; brown clay 25; blue clay 72; gravel 73; black shale 75. Dry hole.
ED Con XVII	"	"	Jul. 4, 1963	4	5	55	15	Fresh	D, S	Topsoil 2; brown clay 26; blue clay 72; gravel clay 73; grey rock 76. Water at 75.
ED Con XVIII	J. Haernick	V. Conlon	Nov. 26, 1963	3	4	24	16	"	D	Topsoil 4; quicksand 9; blue clay 77; fine sand 79; fine gravel sand 80. Water from 77 to 80.
WD	H. Martins	H. McDonald	Sep. 4, 1961	4						Topsoil 2; brown clay 5; quicksand 9; blue clay 66; gravel sand 69; brown rock 70. Dry hole.
WD	"	"	Sep. 6, 1961	4						Topsoil 2; brown clay 7; quicksand 9; blue clay 69; brown rock 70. Dry hole.
WD	"	"	Sep. 9, 1961	4	1	66	20	Fresh	D	Topsoil 2; brown clay 8; quicksand 9; blue clay 64; gravel sand 66. Water at 65.
WD	"	"	Sep. 11, 1961	4	7	15	10	Sulphur	N	Topsoil 2; brown clay 8; quicksand 9; blue clay 66; gravel sand 70; brown rock 71. Water at 66.
WD Con TV	G. Saunders	"	Aug. 28, 1962	4						Sand 7; blue clay 41; sand 42; blue clay 42; blue clay stones 61; sand 61.
WD Con TV	B. Marsh	C. & W. Johnston		4						

Dover Twp. - cont. WD Con IV lot 4	B. Marsh	C. & M. Johnston	Dec. 28, 1962	4	3	25	8	Fresh	N	Sand 9; blue clay 43; sand clay 45; blue clay 73; blue clay stone 74; gravel 76; gravel sand 81. Water from 74 to 81. Sand 9; blue clay 43; sand clay 45; clay 72; clay stone 75; gravel sand 86; rock 86. Water from 75 to 86.
WB Con IV " 4	"	"	Feb. 24, 1963	4	2	18	6	"	D	
Dresden Town	D.S. McGorman	D. Wade	Jun. 6, 1960	4	5	45	36	Fresh	P	Sand 6; grey clay 47; hardpan 77; black shale 93. Water at 77. Topsoil 1; blue clay 40; shaly hardpan 55. Dry hole.
Dresden Town	G. Spence	D. C. Simpson	Sep. 8, 1962	4						Topsoil 8; blue clay 39; shaly hardpan 56. Dry hole.
Dresden Town	"	"	Sep. 10, 1962	4						Topsoil 1; blue clay 38; shaly hardpan 54. Dry hole.
Dresden Town	L. Wicks Sr.	R. W. Simpson	Sep. 12, 1962	4	3	47	30	Fresh	D	Topsoil 2; yellow sand 8; blue clay 39; hardpan 60; black shale 63. Water at 60.
Oct. 18, 1962				4						
Erleau Village	Peetay Packing Co.	M. Hernandez & Sons	Aug. 20, 1960	3	17	15	3	Fresh	In	Sand 15. Water from 3 to 15.
Erleau Village	L. Fleming	R. M. Campbell	Sep. 27, 1960	4	3 1/2	65	5		D	Sand 4; peat 7; gravel 18; blue clay 118; hardpan 129; grey shale 132; brown shale 135. Water at 135.
Erle Beach Village	Erie Water Supply	C. Warren	May 31, 1963	7	25	50	33	Fresh	P	Blue clay 108; clay gravel 114; slate 116. Water from 114 to 116.
Harwick Twp.	lot 22	O. Poeg	Jun. 9, 1961	4	1	90	8	Fresh	N	Clay 96; gravel 96 1/2; hardpan 107; blue shale 135; blue black shale 153; black shale 175. Water from 96 to 96 1/2.
BP	"	S. Earl	Jun. 17, 1961	4	3 1/2	80	12	"	D	Clay 98; hardpan 108; gravel 109; cemented gravel 112; blue black shale 132. Water at 109 and 116.
BP	"	G. Galbraith	Sep. 5, 1961	4	1	145	12	"	N	Red clay 101; gas gravel hardpan 113; soapstone shale 145; shale water at 120.
BP	"	J. A. Keiller	Aug. 21, 1963	27 1/2	1	39	11	"	D	Topsoil fill 4; brown sandy clay 13; blue clay 40. Water at 11.
CRE Con I	B. Huffman	E. Rumble	Dec. 26, 1963	4						Clay loam 4; quicksand 17; blue clay 119; gritty clay hardpan 128; soapstone 135; black shale rock 172. Dry hole.
CRE Con I	W. Cowley	S. Earl	May 12, 1961	5						Blue clay 124; hardpan 136; blue black shale 162. Dry hole.
CRE Con I	L. Mordock	E. R. Rumble	Jan. 18, 1960	5	7	98	78	Fresh	D	Black topsoil 6; grey clay 142; gravel clay 144; dark slate rock 148. Water at 148.
CRE Con I	Ont. Dept Highways	O. L'Ecuier	Nov. 13, 1962	6						Red clay 20; hardpan 55. Dry hole.
CRE Con I	" ways	"	Nov. 13, 1962	4	15	30	20	Fresh	P	Red clay 28; hardpan 60; soft clay 87; loose shale 88; brown shale 92. Water at 88.
CRE Con VI	V. Glover	"	Jun. 19, 1963	4	3	30	15	"	D	Red sand 10; soft clay 30; hardpan 60; gravel 67. Water at 60.
CRW Con I	Tanquary Estate Ont Dept of Highways	"	Nov. 25, 1963	7	10	80	70	"	P	Clay 140; hardpan 144; black shale 148. Water at 148.
CRW Con I	A. Houston	D. Lecuyer	Nov. 7, 1963	4	1	72 1/2	21	"	D	Clay loam 14; clay pe bles gravel 61; sand gravel 70; coarse gravel 73; gravel fine sand 73 1/2. Water at 72.
CRW Con II	W. Pardo	O. L'Ecuier	Jun. 15, 1962	4	1	80	20	"	D, S	Hard clay 25; soft clay 45; hardpan 115; fine muddy sand 117; soapstone 125. Water from 115 to 117. (muddy)
CRW Con II	A. VanDeHogan	E. Rumble	Aug. 24, 1962	4						Clay loam 6; gritty grey clay 165; sand gravel 172; black slate 175; soapstone 187. Dry hole.
CRW Con II	"	"	Sep. 20, 1962	4						Clay loam 6; gritty blue clay 165; sand 172; black slate 175; soapstone 205. Dry hole.
CRW Con II	J. Fleming & A. Fegg	C. Warren	Jun. 1, 1960	7	5	180	140	Fresh	D	Loam 2; gravel 18; clay 153; sand 190; muddy gravel 200; slate blue shale 210; slate 220; slate blue shale 240. Water at 205.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwick Twp. - cont.										
CRW Con II lot 14	H. Stowe	E. Rumble	Apr. 1, 1961	4	7	120	112	Fresh	D	Yellowish brown clay 16; grey clay 65; gritty blue clay 135; black slate rock 146. Water at 146.
CRW Con III " D	F. Rogala	O. L'Ecuier	Jan. 15, 1960	4	4	40	12	"	D	Black 4; red hard clay 20; clay 125; hardpan 131; sand gravel 132. Water at 131.
CRW Con III " 8	J. Huffman	H.W. Simpson	Dec. 14, 1960	3	5	100	96	"	D	Topsoil 3; yellow clay 14; blue clay stones 145; hardpan gravel 173; blue shale. Water at 145.
CRW Con III " 20	D. Sparks	H.A. English	Mar. 31, 1962	4	3	68	62	"	D	Clay 30; fine gravel 33; clay stones 70; black shale 80; soft putty clay 125; hardpan 129; gravel 130. Water at 130.
CRW Con IV " 2	J. McIlroy	E. Rumble	Dec. 2, 1961	4	15	28	28	"	D	Black loam 4; yellow clay 15; grey clay gravel 99; gravel clay hardpan 109; sand gravel 112; dark hard bedrock 113. Water at 112.
CRW Con IV " 3	D. Holdaway	H.A. English	Nov. 10, 1961		1	120	30	"	D	Yellow sand 11; soft clay 91; hard clay gravel 114; black shale 132; fine sand 133; shale soapstone 135. Water at 114.
CRW Con IV " 3	"	E. Rumble	Nov. 15, 1961		2	50	30	"	D	Yellow loam 11; grey clay gravel 92; sand gravel 110; shaly slate 118. Water at 111.
CRW Con IV " 6	H. Clark	"	Dec. 15, 1960	4	4	84	64	"	D, S	Previously drilled 111; quicksand 128; shale slate 130; blue shale 132; blue shale slate 136. Water at 136.
CRW Con IV " 9	W. Wehenkel	S. Earl	May 11, 1963	4	5	130	124	"	D	Gravel 20; sand 35; sand clay 108; clay 184; hardpan gravel 190; black shale 202. Water at 192.
CRW Con IV " 9	E.M. Warwick	"	May 29, 1963	4	10	115	115	"	D	Gravel clay 20; sand 35; sand clay 50; clay 174; fine gravel 177; black shale 193. Water from 175 to 185.
J F Con I " 17	F. McDougall	E. Rumble	Oct. 15, 1963	4						Silty clay 11; blue clay 115; dirty sand 124; mixed shale soapstone 116. Dry hole.
LEP Con I " 17	"	"	Nov. 6, 1963	4	3	120	48	Fresh	D, S	Silty clay 11; blue clay 110; sand 116; shale soapstone 121; black shale 122. Water at 121.
LEP Con I " 20	F. Hebblethwaite	"	Jul. 4, 1963	4	11	69	54	"	D, S	Clay loam 5; quicksand 14; grey clay stones 131; sand gravel 138. Water from 131 to 136.
LEP Con I " 21	L. Coleman	G. Rice	Oct. 12, 1960	4						Yellow sand 10; blue mud 50; grey mud 127; sand 135; brown shale 144. Dry hole.
LEP Con I " 21	"	R.M. Campbell	Jul. 6, 1961	4						Topsoil sand 10; red clay 123; hardpan 132; blue sandstone 137; black shale 180. Dry hole.
LEP Con I " 21	"	"	Jul. 28, 1961	4			20			Topsoil 10; blue clay 121; sand gas 125; hardpan 133; brown shale soapstone 135; brown shale 157. Dry hole.
LEP Con I " 21	G. Galbreith	"	Oct. 18, 1961	4	4	38	35	Fresh	D, S	Topsoil 3; blue clay 100; red clay 118; hardpan 125; soapstone 130; brown shale 132. Water at 130.
LEP Con I " 24	S. Earl	"	Aug. 28, 1963	4	< 1	129	45	"	N	Clay 118; hardpan 126; sand gravel 131. Water from 126 to 131.
LEP Con III " 16	Union S.S.# 12 to 15, M. Campbell	Water Resources	Oct. 3, 1961	5	20	60	46	"	D, S	Sand 15; mild hardpan 35; grey clay 40; hardpan from 40 to 120; black shale 133; black blue shale 145. Water at 125 and from 142 to 145.
LEP Con III " 18	H. Maurs	E. Rumble	Jul. 14, 1963	4	2 1/2	140	58	"	D	Old well 5; blue clay 110; soapstone shale 138; black shale 143. Water at 138.
LEP Con III " 19	F. Woodliffe	"	Dec. 27, 1961	3	7	63	53	"	D, S	Sandy clay loam 6; quicksand 11; blue clay 140; gravel 142. Water at 141.
LEP Con III " 19	K. Hope	"	May 20, 1962	4	2 1/2	70	48	"	D	Sandy loam 9; grey clay stones 116; sand gravel 135; gas.
LEP Con IV " 18	E. Patterson	"	Nov. 28, 1963	4	9	60	54	"	D, S	Clay loam 5; sandy clay 15; gritty grey clay 110; gravel hardpan 126; gravel. Water at 126.
LEP Con V " 20	W. Godwin	H.A. English	Apr. 15, 1961	4	5	100	95	"	D	Blue clay 100; hardpan 102; blue clay 174; sandy hardpan 186; soft clay 188; hardpan 189; coarse gravel 190. Water at 189.
LEP Con V " 22	G. Muckle	Hadco Well Digging	Nov. 17, 1962	30	2	16	8 1/2	"	D	Topsoil 1; brown sandy clay 4; fine sand gravel 9; blue clay 20. Water at 8 1/2.

	A. Pepper	E. Humble	May 2, 1963	4	3	124	114	Fresh	D, S	
LEP Con VII	"	"	Jan. 31, 1963	4	6	85	75	"	P	Gravel 28; gray clay stones 184; sand gravel 192; slate 196. Water from 184 to 192.
LEP Con VII	G. Campbell	"	Nov. 25, 1962	4	7	120	108	"	D, S	Stony yellow clay 15; gritty gray clay 140; sand gravel 143; black slate 144. Water at 143.
LEP Con VIII	A. Verouteren	O. L'Ecuier	Jan. 28, 1962	4	2	130	80	"	D, S	Brown loam 8; gritty blue clay 165; sort rusty sand 198; sand gravel 193; blue shale black slate 194. Water from 193 to 194.
LEP Con X	J. Johnston	E. Humble	Jun. 30, 1962	4	3	55	31	"	D, S	Gravel 6; hardpan 20; blue clay 134; gravel 135; black shale 139; soapstone 143. Water at 134.
LEP Con XI	J. Ullick	R.M. Campbell	Oct. 1, 1960	4	4	25	5	"	D, S	Sandy loam 7; gray clay small stones 84; sand gravel 92. Black slate 93. Water at 95.
LEP Con XI	C. Vasicek	"	Oct. 7, 1960	4	3	55	7	"	D, S	Tossoli 62; blue clay 79; sand 62; hardpan 75; brown shale 79. Water from 75 to 79.
LEP Con XII	J. McCully	E. Humble	Jun. 20, 1961	4	2		16	"	N	Tossoli 7; blue clay 62; hardpan 80; brown shale 85. Water from 80 to 85.
LEP Con XII	"	"	Jul. 8, 1961	4	1	83	16	"	N	Black loam 2; yellow silty sand 10; blue clay 50; clay gravel 74; sand gravel 76; black shale 80. Water from 74 to 76.
TRS Con I	G. Bedford	D. Lecuyer	Dec. 17, 1963	4						Black loam 2; yellow silty sand 12; blue clay 55; quicksand 70; fine sand gravel 98; black shale 83. Water from 70 to 78.
TRS Con I	"	"	Dec. 30, 1963	4						Clay 12; sand 15; clay 17; sand 19; clay pebbles 55; hardpan 74; brown shale 84. Dry hole.
TRS Con I	Maple City Golf Club	"	Jun. 16, 1962	4	2	55	15	Fresh	P	Clay 11; sand 16; clay 45; clay pebbles 55; gravel 56; clay gravel 64; sand gravel 69; gravel 70; black shale 76. Dry hole.
TRS Con II	T. Campbell	"	Sep. 22, 1963	4						Clay 14; sand gravel 21; clay 48; sand gravel 60; black shale 67. Water at 66.
TRS Con II	"	"	Sep. 25, 1963	4						Clay 15; sand 16; clay pebbles 55; sand clay 67; clay gravel 72; greenish black shale 82. Dry hole.
TRS Con II	"	"	Sep. 29, 1963	4						Clay 16; sand 17; clay pebbles 55; sand clay 70; gravel sand clay 73; black greenish shale 76. Dry hole.
TRS Con II	"	"	Oct. 8, 1963	4						Clay 15; sand 16; clay pebbles 55; sand clay 71; sand gravel 73; greenish shale 74; clay pebbles 60; sand clay 68; sand gravel 72. Dry hole.
TRS Con II	"	"	Oct. 16, 1963	4	2	65	14	Fresh	D	Clay 13; sand 16; clay pebbles 76. Dry hole.
TRS Con II	C. Carey	G. Rice	Jun. 15, 1961	4						Clay 12; sand 14; gravel 34; gravel 66; gravel sand 70; clay gravel sand 72; sand 73; gravel 74. Water at 72.
TRS Con II	"	"	Aug. 9, 1961	4						Yellow clay 8; blue mud 69; sand 73; black shale 87. Dry hole.
TRS Con II	J. Clulka	R. Pinsonneault	Jul. 23, 1963	4	4	47	18	Fresh	D	Yellow clay 10; blue mud 62; sand 76; black shale 80. Dry hole.
TRS Con II	M.J. McGarvin	"	Jul. 23, 1962	4	2	35	6	"	S	Tossoli 10; white sand 17; blue clay 52; quicksand 59; sand clay 62; blue sand 63.
TRS Con II	D. Brown	O. L'Ecuier	Dec. 15, 1963	4	5	40	12	"	D	Yellow sand; clay 72; white sand 62; shale. Water at 62.
TRS Con II	R. Bolls	R.E. Webster	Oct. 20, 1961	4	3	30	20	"	D	Red sand 12; blue clay 45; hardpan 65; gravel 78. Water from 65 to 78.
TRS Con II	M. Skerry	"	Oct. 16, 1960	4	<3	22	19	"	D	Sand 10; clay sand 20; clay 36; clay stones 50; clay stones 51; gravel 53. Water from 51 to 53.
TRS Con III	R. Restorick	O. L'Ecuier	Feb. 1, 1960	4						Tossoli 12; blue clay 33; gravel 41; clay 52; stones gas 53; clay gravel 44; shale 72. Water at 70.
TRS Con III	L. Restorick	"	Feb. 14, 1960	4						Red sand 10; soft blue clay 30; hardpan 50; soft clay 63; sand clay 65. Dry hole.
TRS Con III	"	"	Feb. 15, 1960	4						Red sand 5; gravel 9; soft blue clay 30; hardpan 45; soft clay 64; fine sand 65. Dry hole.
TRS Con III	"	"	Feb. 17, 1960	4						Red sand 8; soft blue clay 30; hardpan 45; soft clay 64; silty fine sand 65. Dry hole.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Harwick Twp. - cont. TRS Con III 1st 6	L. Restorick	O. L'Euyer	Mar. 3, 1960	4	1	50	15	Fresh	D	Red sand 8; soft blue clay 28; hardpan 45; soft clay 64; fine sand 65; sand gravel 66; Water at 15.
TRS Con III " 6	"	"	Mar. 15, 1960	4	1	50	15	"	D	Red sand 8; soft blue clay 30; hardpan 45; soft clay 63; fine sand 64; sand gravel 65; Water at 15.
TRS Con III " 6	K.J. Watson	"	Apr. 20, 1960	4	2	55	16	"	D	Red sand 10; soft blue clay 25; hardpan 45; soft clay 63; sand gravel 65; cemented sand 70; clay 73; sand gravel 75. Water at 65 and 75.
TRS Con III " 6	R. Restorick	"	May 1, 1960	4	1	40	15	"	D	Red sand 10; soft clay 28; hardpan 45; soft clay 64; sand 65. Water at 64 and 65.
TRS Con III " 6	"	"	May 15, 1960	4	2	50	15	"	D	Red sand 12; soft blue clay 30; hardpan 50; soft clay 64; sand 65. Water at 64.
TRS Con III " 6	"	"	May 18, 1960	4						Red sand 12; soft blue clay 30; hardpan 45; soft clay 68. Dry hole.
TRS Con III " 6	"	"	May 21, 1960	4						Red sand 1; soft blue clay 30; hardpan 45; soft clay 59. Dry hole.
TRS Con III " 6	"	"	May 22, 1960	4						Red sand 12; soft blue clay 30; hardpan 45; soft clay 68; hardpan 75. Dry hole.
TRS Con III " 6	"	"	May 30, 1960	4	1	50	16	Fresh	D	Red sand 12; soft blue clay 30; hardpan 45; soft clay 56; sand 52. Water at 52.
TRS Con III " 6	"	"	Jun. 5, 1960	4						Red sand 12; soft blue clay 30; hardpan 45; soft clay 68. Dry hole.
TRS Con III " 6	"	"	Jun. 30, 1960	4						Red sand 12; soft blue clay 30; hardpan 45; soft clay 59; hardpan 75. Dry hole.
TRS Con III " 6	"	"	Aug. 2, 1960	4	2	50	16	Fresh	D	Red sand 12; soft blue clay 30; hardpan 45; soft clay 56; sand gravel 58. Water at 58.
TRS Con III " 6	"	"	Aug. 15, 1960	4	1	50	16	"	D	Red sand 12; soft blue clay 30; hardpan 45; soft clay 56; sand gravel 58. Water at 58.
TRS Con III " 6	"	"	Aug. 25, 1960	4	2	50	16	"	D	Red sand 12; soft clay 30; hardpan 45; clay 57; sand gravel 59. Water at 59.
TRS Con III " 6	"	"	Sep. 15, 1960	4	1	50	20	"	D	Red sand 12; soft blue clay 35; hardpan 66; sand gravel 68. Water at 68.
TRS Con III " 6	G. Garrod	"	Dec. 18, 1961	4	1	50	15	"	D	Red sand 12; soft blue clay 35; hardpan 65; sand gravel 70. Water at 65.
TRS Con III " 6	J. Williams	C. & M. Johnston	Jun. 29, 1962	4	5	22	20	"	D	Yellow sandy clay 20; black sand 40; brown clay 50; gravel 51; brown clay 59; sand gravel 64; hard dark rock 65. Water at 59.
TRS Con III " 6	R. McLeen	O. L'Euyer	Nov. 16, 1962	4	1	40	15	"	D	Hard clay 12; soft blue clay 25; hardpan 40; soft blue clay 58; hardpan 61; sand 63. Water at 63.
TRS Con III " 6	L. Restorick	"	May 11, 1963	4	1	50	15	"	D	Red sand 10; soft clay 25; hardpan 40; soft clay 60; sand 62. Water from 60 to 62.
TRS Con III " 6	R. Restorick	"	May 14, 1963	4	1	50	15	"	D	Red sand 10; soft clay 20; hardpan 37; soft clay 62; sand 64. Water at 62.
TRS Con III " 6	J.W. Qinger-smith	R.W. Simpson	Jun. 18, 1963	4	3	45	17	"	D	Tonsill 5; blue clay stones 61; fine sand 62; sand gravel 63. Water at 62.
TRS Con III " 6	R. Gates	O. L'Euyer	Jul. 13, 1963	4	1	50	15	"	D	Red sand 10; soft clay 22; hardpan 40; soft clay 60; sand 62. Water at 60.
TRS Con III " 8	A. King	"	Sep. 24, 1962	4	2	28	15	"	D	Hard clay 24; soft clay 55; hardpan 63; gravel 64. Water from 63 to 64.
TRS Con III " 13	J. Heathcote	E. Rumble	May 15, 1961	4						Black loam 2; yellow quicksand 15; blue clay 55; silty soft sand 60; gravel clay 68; black slate 87. Dry hole.
TRS Con III " 13	"	"	Jun. 10, 1961	4						Black loam 2; yellow quicksand 15; blue clay 55; silty soft sand 63; gravel clay 68; black slate 72. Dry hole.
TRS Con III " 13	"	"	Aug. 21, 1961	4						Red sand 10; blue clay 30; hardpan 70. Dry hole.
TRS Con III " 13	J.L. Mulder	RedcoWell Drilling	Sep. 27, 1962	30	1	12	8	Fresh	D	Tonsill 1; brown sand 8; blue sand 19; blue clay 20. Water at 8.

	A. DeBeck	R. P. Inosneault	Mar. 6, 1963	4	21	20	9	Fresh	D	
TBS Con III										Topsoil 3; yellow sand 15; blue clay 24; brown clay pebbles 47; fine sand 52; silt sand 65; shale 68. Water at 68.
TBS Con III	B. Edwards	"	Jul. 12, 1963	4			10		N	Topsoil 3; yellow sand 10; yellow clay 45; fine sand 48; brown clay 66; fine sand 69; shale 71. Water at 48 and 69.
TBS Con III	R.P. Edwards	"	Jul. 19, 1963	4	5	20	10	Fresh	D	Topsoil 3; yellow sand 10; yellow clay 45; sand 52; sand gravel 56. Water at 45.
TBS Con III	L. Martin	"	Aug. 23, 1963	4	4	20	10	"	D	Topsoil 3; yellow sand 15; blue clay 44; white sand 64; gravel 65; shale 70. Water at 66.
TBS Con IV	M. Everitt	O. L'Ecuier	Jun. 20, 1960	4						Red sand 12; soft blue clay 30; hardpan 50; sand 65; hardpan 72. Dry hole.
TBS Con IV	J. Vandehagen	"	Jul. 20, 1961	4	4	30	12	"	D	Red sand 10; soft blue clay 35; hardpan 43; sand gravel 67. Water at 67.
TBS Con IV	I. Beecroft	"	Jun. 27, 1963	4	3	40	15	"	D	Red sand 10; soft blue clay 30; hardpan 42; gravel. Water at 42.
TBS Con IV	H. Jenner	D. Lecuyer	Jun. 2, 1961	4						Clay 12; sand 14; sand 15; clay pebbles 60; clay gravel 71; gravel sand 73; black shale 78. Dry hole.
TBS Con IV	"	"	Jun. 20, 1961	4						Clay 13; sand 14; clay 16; sand 17; clay pebbles 55; gravel sand 65; gravel sand 67; black shale 70. Dry hole.
TBS Con IV	"	"	Aug. 3, 1961	4						Clay 14; sand 15; clay pebbles 55; gravel sand 64; black shale 66. Dry hole.
TBS Con IV	"	"	Aug. 10, 1961	4						Clay 12; sand 13; clay 16; sand 17; clay pebbles 55; gravel sand 64; gravel 64; black shale 66. Dry hole.
TBS Con IV	"	"	Aug. 21, 1961	4						Clay 11; sand 12; clay 16; sand 17; clay pebbles 54; sand clay gravel 63; gravel 64; black shale 66. Dry hole.
TBS Con IV	"	"	Aug. 28, 1961	4						Clay 12; sand 13; clay 16; sand 17; clay pebbles 63; gravel sand 64; black shale 66. Dry hole.
TBS Con IV	J.W. Gilhuis	G. Rice	Oct. 23, 1962	4						Sand 10; blue mud 40; sand gravel 46; beach sand 68; shale 76. Dry hole.
TBS Con IV	"	"	Nov. 27, 1962	4						Sand 10; blue mud 40; sand gravel 44; beach sand 67; shale 72. Dry hole.
TBS Con IV	H. Brisley	R.B. Webster	Aug. 1, 1960	4	5	12	12	Fresh	D, S	Topsoil 8; blue clay 38; gravel clay 42; clay gravel 50; clay 64; gravel 65. Water at 65.
TBS Con V	M. Houston	D. Lecuyer	Oct. 28, 1963	4	4	40	14	"	D	Sandy loam 4; sandy clay 16; clay 20; clay pebbles 40; sandy clay pebbles 60; coarse gravel 68; fine shale gravel 71; greenish shale 73; black hard shale 75. Water at 70.
TBS Con V	D. Rice	G. Rice	Oct. 15, 1962	4	4	20	12	"	D	Sand 10; blue mud 40; gravel 41; blue mud 46; beach sand 78; shale 80. Water at 80.
TBS Con VI	M.W. Maynard	O. L'Ecuier	Sep. 20, 1963	7	4	40	15	"	D	Red sand 10; blue clay 30; hardpan 68; soft shale 70. Water at 68.
TBS Con VI	J. Benoit	D. Lecuyer	Nov. 17, 1961	4	5	14	8	"	D	Sandy loam 3; clay 50; gravel sand 52; clay gravel 55; gravel sand 56; black sandy shale 57. Water at 57.
TBS WB Con I	A. Pellisek	R.W. Simpson	Jun. 25, 1963	4	3	23	21	"	D	Topsoil 2; yellow sand 6; blue clay 45; sand gravel 53; hardpan 62. Black shale. Water at 45.
TBS WB Con IV	E. Martin	O. L'Ecuier	Feb. 20, 1963	4						Red sand 12; soft clay 38; hardpan 66; town shale 75. Dry hole.
TBS WB Con IV	"	"	Mar. 1, 1963	4						Red sand 12; soft clay 38; hardpan 66; town shale 78. Dry hole.
TBS WB Con IV	"	"	Mar. 5, 1963	4	2	50	30	Fresh	D	Red sand 12; soft clay 40; hardpan 65; loose shale 66; brown shale 68. Water at 66.
TBS WB Con IV	"	C. & M. Johnston	Oct. 5, 1963	4						Sandy clay 20; clay 41; clay gravel 60; clay small stones 63; gravel 70; shale 72. Dry hole.
TBS WB Con IV	"	"	Oct. 12, 1963	4						Sandy clay 20; clay 41; clay gravel 60; clay small stones 63; gravel 70; shale 72. Dry hole.
TBS WB Con IV	"	"	Oct. 22, 1963	4	2	46	26	Fresh	D, S	Sand clay 22; clay 43; clay gravel 62; clay stone 65; gravel 70. Water from 65 to 70.
TBS WB Con IV	"	"	Nov. 23, 1963	4						Sandy clay 12; clay 30; clay small stones 63; clay 68; shale 84; rock 85. Dry hole.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Harwick Twp. - cont.										
THS WB Con IV lot 1	E. Martin	C. & M. Johnston	Nov. 29, 1963	4	1	45	30	Fresh	N	Sandy clay 25; clay gravel 65; clay stone 68; gravel 71; shale 81. Water from 68 to 71.
THS WB Con IV " 1	"	"	Dec. 5, 1963	4						Sandy clay 16; clay gravel 42; shale 52; clay 69; gravel 72; shale 86. Dry hole.
THS WB Con IV " 4	Zimmer Bros	R. Pinsonneault	Jul. 5, 1963	4	5	60	18	Fresh	In	Topsoil 3; gritty brown clay 38; sand 78; black shale 88. Water from 38 to 78.
THS WB Con IV " 5	D. Heckett	O. L'Ecuyer	Feb. 21, 1960	4	1	60	20	"	D	Red sand 15; soft clay 20; horizon 65; sand clay 72; black shale 75. Water at 74.
THS WB Con IV " 5	K. Bartlett	G. Rice	Apr. 18, 1961	4						Yellow sand 10; blue mud 66; quicksand 73; fine sand 75; rock 86. Dry hole.
THS WB Con IV " 5	"	"	Apr. 29, 1961	4	1		20	Fresh	D	Yellow sand 10; blue mud 59; silt mud 66; sand 67. Water at 67.
THS WB Con IV " 5	H. Samways	"	May 15, 1961	4						Yellow clay 10; blue mud 66; quicksand 73; fine sand 75; rock 86. Dry hole.
THS WB Con IV " 5	"	"	May 23, 1961	4	1		21	Fresh	D	Yellow sand 10; blue mud 66; quicksand 73; fine sand 76; hard grey rock 79. Water at 79.
THS WB Con IV " 5	K. Hansen	R. W. Simpson	May 23, 1963	4						Topsoil 2; yellow sand 10; blue clay 74; black grey shale 83. Dry hole.
THS WB Con IV " 5	"	"	May 26, 1963	4	5	48	21	Fresh	D	Topsoil 2; yellow sand 9; blue clay 73; sand gravel 74; grey black shale 75. Water at 73.
THS WB Con IV " 5	A. Lewis	D. C. Simpson	Jul. 6, 1963	4	3	40	20	"	D	Topsoil 3; grey clay 19; horizon 42; clay 67; gravel 69; black shale 72. Water at 67.
THS WB Con IV " 5	D. Willet	D. Lecuyer	Nov. 26, 1963	4	1	74	12	"	D	Clay 16; sand 17; clay 40; clay pebbles 70; sand gravel 72; black shale 74. Water at 72.
THS WB Con V " 1	D. Kieffer	J. E. Smith	Oct. 10, 1961	4	4	18	14	Fresh	D, S	Sand 3; blue clay 15; soapstone 140. Dry hole.
THS WB Con V " 1	"	"	Oct. 13, 1961	4						Sand 4; blue clay 79; shale. Water at 79.
THS WB Con V " 2	S. Corsini	D. Lecuyer	Nov. 1, 1962	4	4	15	15	"	D	Clay 1; sand 16; clay pebbles 78; gravel clay 80; black shale 82. Water at 81.
TR " 3	R. Pinder	R. Pinder	Jul. 1, 1962	4					N	Gravel 12; blue clay sand 173; soft blue clay coarse sand 193; horizon 20; soft blue clay fine gravel 205; horizon 212; medium sand 213; fine gravel clay sand 224; blue clay 228.
Shrewsbury Townsite	T. Milburn	R. W. Simpson	Jun. 21, 1960	4	4	50	24	Fresh	P	Topsoil 2; yellow clay 10; blue clay 103; horizon 107; gravel 108; Water at 107.
Shrewsbury Townsite	C. Woods	E. Rumble	Aug. 15, 1963	4	2	90	28	"	D	Clay loam 4; silt clay 11; blue clay 105; black slate 117. Water at 115.
Highgate Village	Highgate Water Co.	R. M. Campbell	Jun. 4, 1960	4	6		91	Fresh	P	Sand gravel 5; till 132; sand 186; horizon 189; brown slate 196. Water at 190.
Highgate Village	F. Tape	G. Galbraith	Aug. 11, 1961	4	5	100	95	"	D	Sand 12; blue clay 125; quicksand 133; horizon 140; fine gravel sand 155; gravel 160. Water from 125 to 160.
Howard Twp. BC	St. John's United Botany Church	R. B. Webster	Apr. 5, 1960	4	2	69	14	Fresh	P	Sandy brown tonsoil 6; clay sand 34; grey clay 42; gravel 60; sand 64; clay gravel 65; sand gravel 73; gravel clay 79; gravel 81; clay gravel 84; gravel sand 85. Water at 85.
BC " 11	H. Gillespie	R. Pinsonneault	Dec. 4, 1962	4	3		25	"	D, S	Topsoil 4; yellow sand 12; white sand 20; blue clay 46; sand clay stones 50; sand 50; sand clay 67; fine sand 67; horizon 75; sand gravel 75; black shale 124. Water at 50, 67 and 75.
BP " 88	J. Smith & V. Pine	G. Galbraith	Jun. 6, 1963	4	10	45	42	"	D	Sand 5; blue clay 30; red clay 70; boulder clay 90; horizon 93; sand gravel 115; horizon 120; black sand 123; broken shale 125. Water at 115 and 125.
" " " "	"	"	Jul. 9, 1963	4	4		12	"	D	Topsoil 2; blue clay 9; broken rock 102; black brown shale 127.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE ¹	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Howard Twp. - cont. Con VII lot 12	R. Crow	R.M. Campbell	Feb. 10, 1961	4	5		30	Fresh	D, S	Blue clay 73; quicksand 98; hardpan 101; sand 103; broken shale 104. Water at 98 and 103.
Con VII lot 13	N. Beecroft	S. Earl	Oct. 4, 1961	4	5	93	66	"	N	Sand 31; clay 81; fine sand 90; clay 96; hardpan 106; medium sand 109; black shale 120. Water from 106 to 109.
Con VII lot 13	"	"	Oct. 10, 1961	4	5	52	33	"	D	Sand 31; clay 96; fine sand 102; medium sand 107; black shale 112. Water from 102 to 107.
Con IX lot 18	B. McCord	"	Nov. 29, 1961	4	7	92	82	"	D	Sand 51; clay 81; gravel 101; clay 94; hardpan 140; medium sand 143; hardpan 168; black shale 172. Water at 143.
Con X lot 12	A.J. Sales	G. Galbraith	Apr. 20, 1962	4	7	90	80	"	D	Topsoil 2; sand 14; blue clay boulders 95; hardpan gravel 110; gas sand gravel 115; gravel hardpan 150; gravel 151. Water from 149 to 151.
Con X lot 13	P. Verbrugge	"	May 2, 1962	4	9	115	110	"	D, S	Topsoil 3; grey clay 50; boulder clay 135; sandy clay 150; hardpan clay 165; hardpan gravel 168; gravel 170. Water at 168.
Con X lot 16	J.F. Rea	S. Earl	Sep. 9, 1960	4	7	90	86	"	D, S	Sand 51; clay 98; hardpan 159; gravel 165. Water from 159 to 165.
Con X lot 18	F. Lenentine	R.M. Campbell	Apr. 28, 1960	4	6		98	"	D, S	Topsoil 6; fill 128; layers sand clay 156; fine sand 188; hard gravel 198; gravel 199. Water at 199.
Con XI lot 3	G. Graves	G. Galbraith	Apr. 4, 1963	4	4	125	107	"	D, S	Topsoil 2; grey clay 12; blue red clay 146; gravel clay 158; pink clay 176; black sand 178; black gravel 184; hardpan 191; black brown shale 193. Water at 184 and 193.
Con XI lot 11	C.A. Brien	"	Sep. 6, 1962	4	6	130	118	"	D, S	Topsoil 2; yellow clay 15; red clay 177; fine gravel 195; hardpan 197; hardpan clay broken shale 230. Water at 195 and 230.
Con XII lot 18	G. DeBruyn	"	Jan. 19, 1963	4	7		113	"	D, S	Topsoil 4; blue red clay 140; sand clay 173; hardpan 196; sand 215; red clay 216; black gravel 217. Water from 216 to 217.
PC lot 2	B. Dawson	R. Pinsonneault	Dec. 27, 1963	4	1	55	30	"	D, S	Topsoil 3; blue clay 38; brown clay pebbles 55; sand gravel silt 69; black sand 71; shale 71. Water at 69.
TRN lot 81	C. VanVugt	G. Galbraith	Jul. 16, 1962	4	7	145	139	"	D, S	Red clay 22; blue clay 110; boulder clay stones 115; red clay 133; gravel sand 175; quicksand 188; sand 228; bluish sand 231; gravel hardpan 240; gravel 243. Water at 240 and 243.
TRN lot 84	A. Giddis	"	Sep. 19, 1963	4	3	145	120	"	D, S	Topsoil sand 12; blue clay 115; sandy gravel hardpan 130; blue clay 145; reddish clay 160; blue clay 165; clay sand 170; gravel hardpan 175; sand 182; hardpan 205; gravel 207. Water at 205.
TRN lot 92	H. Hall	E. Rumble	May 15, 1960	4	10	75	72	"	D	Black clay 3; yellow clay 18; grey clay stones 146; sand gravel 156; shale. Water from 146 to 156.
TRN lot 92	H. Hitchcock	P.M. Campbell	Nov. 1, 1960	4	3	160	78	"	D	Brown clay 11; blue clay 148; hardpan 160; brown shale 169. Water from 160 to 169.
TRN lot 94	J.C. McKinlay	S. Earl	Oct. 18, 1962	4	5	100	90	"	D	Sand 4; stones 8; clay 129; hardpan 130; clay 151; hardpan 164; gravel stones 173. Water from 164 to 173.
TRN lot 95	"	"	Sep. 19, 1962	4	3	90	85	"	N	Clay 3; gravel 8; clay 119; hardpan 166; gravel 168. Water gas from 166 to 168.
TRN lot 95	"	"	Oct. 9, 1962	4				"		Sand 2; gravel 8; clay 134; hardpan 190; grey shale 217; black shale 242. Dry hole.
TRN lot 99	H. Trudgen	G. Galbraith	Jul. 16, 1962	4	4	60	48	Fresh	D, S	Grey clay 25; blue clay 70; greyish clay 120; gas sand hardpan clay 133; pink clay 139; gas hardpan 148; soft blue soapstone 150; shale gravel 153. Water at 153.
TRN lot 101	B. Fisher	"	Sep. 18, 1961	4	4	105	40	"	D, S	Blue clay 110; red clay 145; sandy gravel 152; broken shale 154; shale 157. Water at 154.
TRN lot 83	W.G. Thompson	R.M. Campbell	Jan. 25, 1960	7	5	160	130	"	D	Coastal 26; stones clay 138; sand 190; clay 210; sand gravel 224; hardpan 234; broken brown shale 235; solid brown shale 240. Water at 235.
TRN lot 90	M. Rybansky	G. Galbraith	Mar. 27, 1962	4	2	100	70	"	D, S	Topsoil 3; boulder clay 104; red clay 135; blue clay 145; hardpan gravel gas 153; black shale 173; soapstone shale 203; soapstone 207; brown shale 215. Water at 153.

	D. Trudgen	H.M. Campbell	Dec. 7, 1960	4	5	100	55	Fresh	D	
THS	" 100	L. Neville	Nov. 1, 1963	4	3	60	48	"	D	Loam 3; brown clay 10; silty blue clay 120; sand 122; clay 138; cemented gravel 140; clay 146; hardpan 147; brown broken shale 149. Water at 147.
TR	" 3	L. Horvath	Apr. 1, 1962	3	8	100	94	"	D, S	Topsoll 2; grey clay 14; blue clay 94; black shale 95; gravel 102; pink clay 141; hardpan 149; soapstone shale 153; grey shale 155. Water at 153 and 155.
TR	" 19	C. Reid	Aug. 16, 1963	4	2 1/2	70	21	"	D	Stony red clay 12; grey clay 15; clay stones 174; sand gravel 186; slate. Water from 174 to 186.
TR	" 23	J. Robertson	Jun. 2, 1960	4						Topsoll 2; yellow clay 12; blue clay 75; gas sand gravel 76; shale 84. Water at 75 and 78.
TR	" 23	"	Jun. 15, 1960	4					N	Sandy topsoll 5; blue clay small stones 42; gravel 45; blue clay 47; clay gravel 48. 50; brown sand 58; clay gravel 67; sand 78; clay 79; sand 84; shale 90. Dry hole.
TR	" 23	"	Jun. 18, 1960	4	5	16	11	"	D, S	Sandy topsoll 15; blue clay 38; blue clay gravel 40; gravel sand 42. Water at 40.
TR	" 23	"	Aug. 16, 1961	4			14	"	N	Sandy topsoll 15; blue clay 31; clay small stones 42; clay gravel 48; gravel 49. Water at 48.
TR	" 26	N. Pilbey	Oct. 5, 1960	4	2 1/2	11	11	"	D, S	Sandy topsoll 10; brown sand 40; blue clay 41; blue clay stone 51; sand clay stones 53; gravel sand 78; clay stone 80; shale 88. Water from 53 to 78.
Indian Reserve No. 47, RR	lot 27	C. Jacobs	Mar. 21, 1961	5	< 1/2	149	30	Fresh	D	Topsoll 8; blue clay 38; gravel stone clay 42; clay gravel 60; clay stones 62; gravel 63. Water at 62.
Oxford Twp.	lot 5	A. Kegels	Apr. 25, 1960	4						Sand silt 6; clay 16; clay pebbles 69; clay hardpan 79; hardpan gravel 81; hardpan 86; sand brown fine gravel 91; brown sand 92; hardpan 105; dark grey shale 120; grey shale 137; brown limestone 138; grey shale 142; soft soapstone 149. Water at 79, 87 and 137.
Con A	" 5	"	Apr. 29, 1960	4	8	21	14	Fresh	N	Red sand 8; blue clay 75; hardpan 78; black shale 84; grey shale 85. Dry hole.
Con II	" 2	R. McCallister	Nov. 13, 1961	4	6	132	122	"	D	Red sand 3; blue clay 60; fine black sand 63; hardpan 75; black shale. Water from 60 to 63.
Con III	" 1	J. Janosek	Feb. 21, 1960	4	7	112	105	"	D	Sand 3; gravel 10; clay 134; gravel sand 142; hardpan 145; gravel 152. Water at 134 and 145.
Con III	" 3	A. Vickery	May 20, 1960	4						Black soil 4; clay stones 110; sand 152; clay sand 180; gravel 190. Water from 180 to 190.
Con III	" 3	"	Nov. 20, 1961	4	5	124	108	Fresh	D	Loam 8; fill 132; sand clay 190; clay hardpan 217; brown shale slate 232. Dry hole.
Con IV	" 12	S. Jay	Nov. 14, 1962	4	6	100	92	"	D, S	Clay 110; fine sand 140; coarse sand 143. Water from 140 to 143.
Con IV	" 13	Oxford Farmers Co-op	Jul. 16, 1962	5	12	90	85	"	P	Topsoll 8; red clay 25; blue clay boulders 112; coarse gravel stones 120; sand gravel 150; sand 160; fine gravel 162; coarse gravel 163. Water from 160 to 163.
Con IV	" 14	W. Fowler	Oct. 22, 1962	3	5	90	82	"	D	Coarse gravel sand fill 8; red clay stones 23; grey clay stones 155; medium fine sand 167; gravel 176. Water from 155 to 176.
Con V	" 11	W. Hastings	Nov. 28, 1960	4	4	150	93	"	D, S	Topsoll 2; red clay 30; blue clay 100; brown clay stones 134; hardpan 145; pink clay 170; sand fine gravel 177; gravel 178. Water from 177 to 178.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST LEVEL	PUMP-STATIC LEVEL	KIND OF WATER	USE*	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY a cont. Orford Twp. - cont.									
Con VI lot 11	D. Hastings	C. Galbraith	Oct. 11, 1963	4	3 1/2	120 90		N	Blue grey clay 127; red clay 147; sandy clay 149; gravel 150; hardpan sand 153; muck sand 159; hardpan clay 164; clay sand 174; sand 185; hardpan clay 194; gravel sand 195.
Con VII	W. Sterling	"	May 8, 1963	4	6	75 65	Fresh	D, S	Topsoll sand 12; blue clay 100; pink clay 113; sandy gravel 127; hardpan 141; gravel 143. Water at 143.
Con VIII	A. Manning	R.M. Campbell	Jan. 11, 1961	4	5	40 40	"	D, S	Topsoll sand 75; silt 90; fine sand 95; sand gravel 104; hardpan 105; coarse gravel 106. Water at 95.
Con VIII	P. Littlejohn	"	May 31, 1961	4	4	140 95	"	D, S	Topsoll sand 3; blue clay 127; red clay 135; blue clay 167; hardpan 180; gravel 197; hardpan 201; brown rock 212. Water from 201 to 212.
Con VIII	H. Goodbrand	"	May 3, 1961	4	5	125 105	"	7	Topsoll sand 16; blue clay 135; red clay 160; hardpan 165; sand 170; hardpan 180; coarse gravel 187; gravel 191. Water at 187 and 191.
Con IX	B. Shepply	"	Apr. 13, 1961	4			Salty	N	Topsoll sand 16; blue clay 105; red clay 115; quicksand 135; sand gravel 143; gas sand 145; hardpan gravel 178; fine gravel.
Con X	A. Simpson	W. Marsh	Dec. 20, 1962	6 1/2			"	N	Topsoll sand 3; gravel 18; blue clay 40; hardpan 135; fine sand 145; hardpan gravel 162; sand gravel 218. Salty water from 162 to 218.
Con XI	W. Reynolds	B.M. Campbell	Jan. 5, 1961	4	1 1/2	114 25	Fresh	S	Topsoll sand 12; brown clay 65; blue clay 80; hardpan 96; sand gravel 101; brown shale 107; soapstone 110; brown shale 115. Water at 96.
Con XII	P. Welch	S. Earl	Dec. 13, 1963	4	1	80 20	"	N	Sand gravel 9; clay 92; hardpan 102; gravel sand 103; hardpan 120; black shale 123. Water at 102.
Con XII	L. Ashton	R. & V. Lather	Apr. 6, 1962	4	5	79 75	Sulphur	D, S	Sand 2; red clay 79; hardpan 87; fine sand 92; hardpan 102; sand gravel 112. Water at 87 and 102.
Con XII	G. Owan	"	Mar. 24, 1962	4	5	79 75	Fresh	D, S	Sand 2; grey clay 63; hardpan 82; fine sand 98; fine sand gravel 106; fine gravel 109. Water at 42.
Con XII	D. Dickson	"	Feb. 28, 1961	4	6	81 79	"	D, S	Sand 4; clay 55; hardpan 93; fine sand 100; hardpan 124; sand gravel 127. Water from 124 to 127.
Con XIII	P. Downie	"	Apr. 21, 1962	4	6	77 75	Sulphur	N	Grey clay 65; hardpan 120; fine sand silt 121; hardpan 175. Water at 100.
Con XIII	"	"	Apr. 27, 1962	4	6	74 72	"	D, S	Gravel clay 57; hard sand 68; hardpan 88; gravel hardpan 90. Water at 88.
Con XIII	"	"	Jun. 10, 1962	4	4	86 72	Fresh	D, S	Previously drilled 90; hardpan 110; sand 112; hardpan soft streaks 134. Water at 131.
MRS	E. Eastlake	C. Galbraith	Dec. 6, 1961	4	5	90 71	"	D, S	Topsoll 2; blue clay 110; gravel 115; gas sand 123; coarse sand 167; loose coarse gravel 171. Water from 123 to 171.
MRS	O. Taylor	"	Nov. 26, 1962	4	6	55 47	"	D, S	Topsoll sand 7; blue clay 80; sand gravel 86; pink soft clay 96. Water from 80 to 86.
MRS	C. Ousterhout	"	Aug. 22, 1961	4	5	60 47	"	D, S	Topsoll sand 7; blue clay 112; hardpan 118; red clay 128; fine gravel 135. Water at 128.
MRS	R.A. Pavan	R.M. Campbell	Feb. 4, 1960	4	5	140 110	"	D, S	Brown clay 9; clay stones 122; gravel 124; clay 135; gravel sand 155. Water at 155.
MRS	J. Gillard	G. Galbraith	Nov. 23, 1963	4	6	125 114	"	D, S	Topsoll 9; yellow clay 95; boulder clay 115; yellow clay 128 1/2; hardpan 128; fir. sand 140; hardpan 155; coarse fine gravel 157 1/2. Water at 155 and 157 1/2.
MRS	E. Antioe	"	Oct. 12, 1962	4	5	128 118	"	D, S	Topsoll sand 12 1/2; blue clay 59; sand clay 106; gravel hardpan 145; gravel 147; sandy clay sands 208; gravel sand 215; h. robin gravel sand 222; clay 225. Water at 145, 147 and 222.
MRS	G. Johnston	S. Earl	Apr. 17, 1963	4	4	118 116	"	D	Sandy clay 115; clay silt 226; gravel sand 230.

THN	lot 55	Imperial Oil Ltd.	O. L'Euyer	Dec. 19, 1962	4	1	85	Fresh	P	
TRN	" 65	R. Guyitt	G. Galbraith	Feb. 6, 1962	4					Hard clay 122; soft clay fine sand 148; hardpan 150; gravel 153. Water at 152.
TRN	" 65	"	"	Mar. 8, 1962	4	2	75	Fresh	D, S	Topsoil 6; sandy red blue clay 100; sandy clay 136; red clay 145; hardpan 152; soapstone 170. Dry hole.
TRN	" 73	H. Lippert	S. Earl	Aug. 16, 1962	4	6	100	"	N	Topsoil 3; blue clay 2; reddish clay 86; sand red clay 144; hardpan gas gravel 155; gravel 159. Water at 155 and 159.
TRN	" 73	"	"	Sep. 12, 1962	4	5	95	"	D	Clay 117; hardpan 188; gravel sand 190; hardpan 205. Water from 188 to 190.
TBS	" 56	N.H. McCall	G.L. McGaffey	Jan. 15, 1963	4	10	50	"	D	Sand 4; gravel sand 6; clay 68; hardpan 198; gravel 200. Water from 198 to 200.
										Gray clay 147; hardpan 149; gravel 156. Water from 150 to 156.
Raleigh Twp.	lot 5	C. Lecocq	G. Newham	Oct. 16, 1961	5	16	50	Fresh	D, S	Yellow clay 15; blue clay 100; gravel 107; black shale 115. Water at 107.
Con A	" 8	K. Mulder	O. L'Euyer	May 4, 1960	4	4	18	"	D	Clay 7; sand 9; clay pebbles 81; sand gravel 82; black soft shale 83. Water at 83.
Con A	" 16	R. Pilby	G. Rice	Jul. 28, 1960	4					Yellow clay 10; blue mud 40; sand gas 41; blue mud 82; sand 84; light rock 94. Dry hole.
Con A	" 16	"	"	Aug. 1, 1960	4	1	65	Fresh	D	Yellow clay 10; blue clay 50; soft blue mud 80; coarse gravel broken shale 81. Water at 81.
Con A	" 18	B. Battram	"	Oct. 23, 1963	4	10	30	"	C	Yellow sand 10; blue clay 40; grey mud 68; black broken shale. Water at 68.
Con A	" 19	C. Baker	"	Aug. 8, 1962	4	3	50	"	D, S	Yellow sand 10; blue mud 68; sand 71; shale 72. Water at 72.
Con VIII	" 7	H. Keil	M. Hernandez & Sons	Apr. 10, 1961	7	2	80	"	D, S	Topsoil 1; clay 98; fine medium sand 102; kettle point shale 104. Water from 98 to 102.
Con VIII	" 10	H. Morris Jr.	O. L'Euyer	Apr. 27, 1960	4	3	90	"	D	Clay 4; clay gravel 55; sandy clay 56; clay pebbles 76; gravel sand 78; gravel sand 83; sandy shale 85; blue shale 90. Water at 85.
Con VIII	" 12	J. Campbell	G. Rice	Aug. 9, 1960	4	2	22	"	D	Yellow clay 10; blue clay gas 46; blue mud 60; soft light coloured mud 73; sand gravel 75. Water at 75.
Con VIII	" 23	J. Chittim	R. Pinsonneault	Dec. 4, 1963	4					Topsoil 2; yellow clay 12; brown clay pebbles 95. Dry hole.
Con VIII	" 23	"	"	Dec. 20, 1963	4	1	30	"	D, S	Topsoil 2; yellow clay 12; brown clay pebbles 37; white sand silt 40. Water at 37.
Con VIII	" 25	J. Phillips	G. Rice	Jun. 21, 1963	4	9 1/2	93	Salty	D	Yellow sand 10; soft quicksand 20; blue mud 40; sand 92; heavy sand 93. Water from 92 to 93.
Con IX	" 23	J. Chittam	R. Pinsonneault	Sep. 7, 1963	4			Salty	N	Topsoil 3; blue clay 112; soapstone 116; gas sand salt 116 1/2; soapstone 145. Water at 116.
Con IX	" 25	B. Osterbrook	"	Sep. 19, 1963	4	3	50	"	D	Topsoil 2; yellow clay 14; brown clay pebbles 70; sand gas 75; clay pebbles 80; shale 81. Water at 80.
Con X	" 19	L. Butler	C. & M. Johnston	Aug. 16, 1963	4	2 1/2	30	"	D	Yellow clay 15; blue clay stone 25; clay small stones 95; blue clay small stone 99; gravel 100. Water from 99 to 100.
Con X	" 23	T.C. Wright	D. Lecuyer	Oct. 25, 1962	4			Fresh	D	Clay pebbles 124; soapstone 140. Dry hole.
Con XI	" 1	J. Wood	"	Oct. 12, 1962	4	2 1/2	75	Fresh	D	Clay 80; clay pebbles 128; sand 134; greenish shale 137; black shale 138. Water at 138.
Con XI	" 2	H. Seney	G. Rice	Jul. 5, 1961	4	6	85	"	D	Yellow clay 10; blue mud 131; sand 135. Water at 135.
Con XI	" 9	A. Kay	"	Nov. 18, 1963	4	5	43	"	D	Yellow clay 10; blue mud 60; grey mud 99; black shale 99.
Con XI	" 24	E. Cleveland	H. English	Apr. 19, 1960	4	2	67	"	D	Yellow clay 15; blue clay 86; fine grey sand 87; blue clay 124; fine grey sand 132; black coarse sand 134; black shale 135. Water at 135.
Con XI	" 25	P. Theuns	G. Rice	Jan. 4, 1960	4	1	84	"	C	Yellow clay 12; blue mud 60; sand 61; blue mud 97; shale 99. Water at 99.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont.										
Haleigh Twp. - cont.										
Con XI	F. Theuns	G. Rice	Jul. 18, 1962	4						Yellow clay 12; blue mud 60; sand 61; blue mud 101; shale 107. Dry hole.
Con XI	"	"	Jul. 24, 1962	4						Yellow clay 12; blue mud 60; sand 65; blue mud 103; shale. Dry hole.
Con XI	L. English	H. English	Oct. 30, 1963	4	6	48	60	Fresh	D	Yellow clay 12; blue clay stones 120; hardpan fine sand 125; quicksand 127; gravel 128. Water at 128.
Con XII	B. Wright	G. Rice	Sep. 21, 1961	4	1 1/2	90	40	"	D	Yellow clay 10; blue mud 129; sand 132. Water from 129 to 132.
Con XII	D. Sparks	H. English	May 10, 1963	4	6	75	48	"	D	Yellow clay 12; blue clay 111; gravel 112; black shale 120; coarse sand 122; black shale 128; coarse sand 134; gravel 136. Water at 136.
Con XII	E. Ward	G. Rice	Aug. 7, 1962	4	3	80	50	"	D	Yellow clay 10; blue mud 98; sand 125; grey mud 142; shale 144. Water at 144.
Con XII	J.R. Vincent	"	Sep. 14, 1962	4	4	50	33	"	D	Yellow sand 10; blue mud 127; gravel 129; shale 130. Water at 130.
Con XII	C. Russell	R. Pinsonneault	Oct. 29, 1962	4	2	177	60	"	N	Brown clay 2; yellow clay 10; blue clay 164; soapstone 171; sand silt 177. Water from 171 to 177.
Con XII	L. Russell	H. English	Jun. 12, 1962	4	3	110	76	"	D	Yellow clay 12; blue clay stones 166; gravel 147; blue clay stones 151; sand hardpan 158; fine gravel 163; soapstone 172. Water at 172.
Con XII	A. Walker	E. Rumble	Aug. 30, 1963	4	1	110	68	"	D	Topsoil 2; sticky blue clay 146; blue shale soapstone 158; grey limestone 172. Water at 171.
Con XII	"	"	Sep. 6, 1963	4	11	75	64	"	D, S	Black soil 2; sticky blue clay 146; blue soapstone shale 156; grey limestone 162; soapstone. Water at 162.
Con XII	M. Pettypiece & H. Coleman	G. Rice	Feb. 3, 1960	4	1 1/2	110	55	"	D	Yellow clay 12; blue mud 80; sand 85; soft blue mud 127; beach sand 128; gravel 129. Water at 129.
Con XII	D. Scafe	R.M. Campbell	Aug. 12, 1960	4	4	40	29	"	D	Brown clay 8; blue clay 121; hardpan 131; brown shale slate 136. Water at 131.
Con XII	A.F. Holmes	"	Aug. 24, 1960	4	4	40	27	"	D	Brown clay 7; blue clay 120; hardpan 129; hardpan slate. Water at 129.
Con XII	B. Haskell	G. Rice	Jun. 29, 1961	4	2	90	53	"	D	Yellow clay 12; blue clay 108; sand gravel 122; gas 123; sand gravel 128 1/2. Water at 128 1/2.
Con XII	J. Broeders	D. Lecuyer	Feb. 1, 1962	4	3	80	58	"	D	Clay pebbles 125; gravel clay 129; gravel loose shale 130; black shale 130 1/2. Water at 130.
Con XII	C. Bushy	R. Pinsonneault	May 2, 1963	4	7	67	63	"	D	Topsoil 2; yellow clay 16; brown clay 85; gas sand 95; clay pebbles 123; sand 133; shale black sand 133 1/2. Water from 123 to 133 1/2.
Con XII	R. Sykes	"	May 30, 1963	4	8	73	63	"	D	Topsoil 2; yellow clay 16; brown clay 112; loose black shale 114; soapstone 115; shale 123; soapstone 125; shale 133. Water at 133.
Con XII	"	"	May 22, 1963	4						Topsoil 2; yellow clay 16; brown clay 121; hard black shale 127; sand soapstone 127. Dry hole.
Con XII	L. Demers	D. Lecuyer	Oct. 24, 1963	4	3	70	65	Fresh	D	Clay 92; black gravel 94; clay 118; coarse gravel 126; shaly fine gravel 127; greenish clay rock 132. Water at 132.
Con XII	A. Cammaert	G. Newham	Mar. 24, 1962	5	8	40	19	Salty	D, S	Yellow clay 15; blue clay 40; quicksand 90; gravel blue clay 100; quicksand 125; blue clay gravel 160; gravel 170; blue clay 171; fine sand gravel 179; black shale 180; gravel 182. Water at 182.
Con XIII	C. Russell	R. Pinsonneault	Oct. 6, 1962	4			10	Fresh	N	Brown clay 2; yellow clay 10; blue clay 157; silt sand 158; sand 167; soapstone 195. Water at 157.
Con XIII	"	"	Oct. 13, 1962	4						Brown clay 2; yellow clay 10; blue clay 157; gas sand 162; soapstone 194. Dry hole.
Con XIII	"	"	Oct. 20, 1962	4			75	Fresh	N	Brown clay 2; yellow clay 10; blue clay 157; gas sand silt 158; blue clay 192. Gas and water at 157.
Con XIII	L. Russell	H. English	May 28, 1962	4						Yellow clay 12; blue clay 25; soft clay stones 155; coarse sand 156.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Raleigh Twp. - cont.										
WB Con II lot 9	W. Parker	G. Rice	Mar. 26, 1962	4						Yellow sand 10; blue clay 68; sand 76; rock 78. Dry hole.
WB Con II lot 9	"	"	Apr. 18, 1962	4	2 1/2		12	Fresh	D	Yellow sand 10; blue clay 60; sand 69; rock 69. Dry hole.
WB Con II lot 9	"	"	May 4, 1962	4						Yellow sand 10; blue clay 60; gravel shale 66. Water from 66 to 68.
WB Con II lot 11	A. Williams	"	Apr. 6, 1961	4	1 1/2	50	25	"	D, S	Yellow sand 10; blue mud 56; quicksand 62; gravel 63. Water at 63.
WB Con II lot 12	L. VanRaendovak	"	Mar. 27, 1961	4	1 1/2	50	25	"	D	Yellow sand 10; blue mud 56; quicksand 62; gravel 63. Water at 63.
WB Con II lot 12	"	"	Mar. 29, 1961	4	1 1/2	50	25	"	D	Yellow sand 10; blue mud 56; quicksand 62; gravel 63. Water at 63.
WB Con II lot 12	C. Amels	D. Lecuyer	Jun. 28, 1962	4	2 1/2	45	13	"	D	Clay 16; sand 17; clay 50; clay pebbles 58; sand gravel 60; black shale 61. Water at 60.
WB Con III lot 7	O. Williams	G. Rice	Jan. 3, 1962	4						Black loam 2; sand 12; blue clay 60; quicksand 67; brown shale 69. Dry hole.
WB Con III lot 7	"	"	Feb. 8, 1962	4	20	21	11	Fresh	D, S	Black loam 2; sand 12; blue clay 57; quicksand 60; shale 61. Water at 60.
WB Con III lot 13	A. Fleming	C. & M. Johnston	Oct. 28, 1963	4	2	26	19	"	D, S	Sand clay 13; sand 14; clay 43; small stone clay 56; gravel sand 61; shale. Water from 56 to 61.
WB Con III lot 18	J. Murray	D. C. Simpson	Jan. 4, 1963	4	4	30	21	"	N	Clay loam 3; sand 9; gravel clay 46; hardpan 53; gravel 58; black shale 66. Water at 53.
WB Con III lot 18	"	"	May 27, 1963	4	5	31	21	"	D	Clay loam 3; sand 9; clay 48; clay gravel 52; hardpan 56; clay gravel 59; shale 61. Water at 58.
WB Con III lot 18	J. Huff	R. Pinsonneault	Oct. 8, 1963	4			15	"	N	Topsoil 1; yellow clay 12; brown clay 57; hardpan 63; fine sand 64; black shale 66. Water at 63.
WB Con III lot 18	"	"	Nov. 30, 1963	4			15	"	N	Topsoil 1; yellow clay 12; brown clay 57; clay gravel 64; silt sand 66. Water at 64.
WB Con IV lot 3	C. Seareda	G. Rice	Jul. 25, 1963	4	20	70	8	"	S	Yellow clay 12; blue clay 75; sand 77; rock 78. Water at 78.
WB Con IV lot 8	R. Myers	"	May 29, 1961	4						Yellow clay 8; blue mud 69; sand 73; black shale 75. Dry hole.
WB Con IV lot 8	"	"	Jun. 6, 1961	4						Yellow clay 8; blue mud 69; sand 73; black shale 81. Dry hole.
WB Con IV lot 8	G. Newham	"	Jul. 12, 1961	7	10	90	45	Fresh	D, S	Sand to soil 12; blue clay 76; gravel sand 88; black shale 105. Water from 96 to 99.
WB Con IV lot 8	R. Myers	H. McDonald	Aug. 23, 1963	4						Topsoil 2; brown clay 15; blue clay 60; brown clay gravel 68; black shale 78. Dry hole.
WB Con IV lot 8	"	"	Aug. 25, 1963	4						Topsoil 2; brown clay 14; blue clay 62; brown clay gravel 69; black shale 85. Dry hole.
WB Con IV lot 8	"	"	Aug. 31, 1963	4	1 1/2	67	67	Fresh	D	Topsoil 2; brown clay 15; blue clay 63; brown clay gravel 70; black shale 82. Water at 67.
WB Con IV lot 12	T. King	D. Lecuyer	Feb. 14, 1962	4	1	78	13	"	D	Clay 12; sand 15; clay 53; clay pebbles 68; sand gravel 70; green black sandy shale 77; greenish black shale 78. Water at 78.
WB Con V lot 6	J. Dhondt	"	Jul. 1, 1961	4						Clay 68; loose gravel shale 69; black sandy shale 74. Dry hole.
WB Con V lot 6	"	"	Jul. 4, 1961	4						Clay pebbles 67; loose gravel shale 69; soft black shale 74. Dry hole.
WB Con V lot 6	"	"	Jul. 8, 1961	4						Clay pebbles 69; black shale 73. Dry hole.
WB Con V lot 6	"	"	Apr. 13, 1963	4	2 1/2	50	12	Fresh	D	Clay 58; clay gravel 65; gravel sand 66; black loose shale 67; black shale 68. Water at 68.
WB Con V lot 10	A. Suter	D. Lecuyer	Feb. 18, 1960	4						Yellow clay 10; blue mud 72; fine sand 73; limestone shale 70. Dry hole.
WB Con V lot 10	"	"	Feb. 24, 1960	4						Yellow clay 10; blue mud 63; sand 65; shale 69; limestone 70. Dry hole.
WB Con V lot 10	"	"	Apr. 19, 1960	4						Yellow clay 10; blue mud 69; gravel gas 70; hard grey rock 76. Dry hole.
WB Con V lot 10	"	"	Apr. 25, 1960	4						Yellow clay 10; blue clay 70; sandy clay 71; hard grey rock 75. Dry hole.

WB	Con V	lot 10	A. Suter	G. Rice	Apr. 28, 1960	4		17	15	Fresh	D, S	Yellow clay 10; blue clay 67; sandy clay 70; hard grey rock 75. Dry hole.
WB	Con V	" 10	E. Mann	"	Oct. 12, 1963	4					N	Clay 10; blue mud 30; grey mud 73; beech sand 76; soapstone 79 1/2. Dry hole.
WB	Con V	" 10	"	"	Oct. 16, 1963	4						Black clay 10; blue mud 30; grey mud 73; quicksand 76; soapstone 79 1/2. Dry hole.
WB	Con V	" 13	A. Kecer	C. & M. Johnston	May 30, 1963	4	2 1/2					Tossall 1; yellow sand 7; clay 12; sand 17; clay 59; sand 60. Water at 17 and from 58 to 60. Gas at 57.
WB	Con V	" 13	"	"	Aug. 23, 1963	4					N	Tossall 1; yellow sand 7; clay 12; sand 17; clay 47; gas 48; clay gravel 58; shale 72. Water at 17 and from 58 to 59.
WB	Con V	" 17	L. Kerr	D. Wade	Nov. 17, 1961	4						Sand 4; grey clay 45; hardpan 2; black shale 91. Dry hole.
WB	Con V	" 17	"	"	Nov. 20, 1961	4	1	83	26	Fresh	S	Sand 4; grey clay 40; sand gas hardpan 71; gas sand black shale 96. Water at 82.
WB	Con V	" 18	D. Wilcox	G. Rice	Aug. 7, 1963	4	1 1/2	45	18	"	D	Yellow sand 10; blue mud 40; sand gravel stones gas 59; quicksand 64; shale gravel 70; hard grey rock 77. Water at 69 1/2.
WB	Con VI	" 1	N. Turner	S. H. Smith	Jul. 8, 1961	3	1	40	12	"	D	Tossall 2; hardpan 14; blue clay 83; silty sand gravel 85. Water from 83 to 85.
WB	Con VI	" 1	G. Turner	D. Lecuyer	Jul. 15, 1962	4	1	100	9	"	D	Clay 60; clay sand 70; clay pebbles 90; sand gravel 97; medium gravel 93; black shale 100. Water at 92.
WB	Con VI	" 1	P. Van Kirkhoven	"	Jul. 26, 1962	4	3	15	9	"	D	Clay 18; sand 20; clay 80; sand gravel 90; black shale 91. Water at 90.
WB	Con VI	" 2	R. Moore	G. Rice	Mar. 20, 1961	4						Yellow clay 10; heavy blue mud 45; white mud 79; brown shale 89. Dry hole.
WB	Con VI	" 5	Ont. Dept. of Highways (401)	"	Feb. 16, 1961	4	1		16	Fresh	D, S	Yellow clay 10; soft blue clay 71; sort light clay 77; sand 78. Water at 78.
WB	Con VI	" 5	N. Vince	"	Mar. 3, 1961	3 1/2	10	40	14	"	D	Yellow clay 10; blue clay 70; soft light clay 78; sand 80. Water at 80.
WB	Con VI	" 5	Ont. Dept. of Highways (401)	"	Feb. 9, 1961	4						Yellow clay 10; blue clay 71; soft light clay 81; rock 92. Dry hole.
WB	Con VI	" 7	E. Howard	D. Lecuyer	Jun. 27, 1961	4	4	12	12	Fresh	D	Clay 37; gravel sand 39; clay pebbles 77; sandy clay 78; sandy shale 79; black soft shale 80. Water at 80.
WB	Con VI	" 10	A. Suter	G. Rice	May 2, 1960	4	4	74	17	"	D, S	Tossall 2; yellow clay 11; blue clay 70; white silty clay 74; fine white sand 74; rock 74. Water from 74 to 74 1/2.
WB	Con VI	" 18	M. Slade	"	May 4, 1962	4	3	60	18	"	D	Yellow sand 10; blue clay 66; gravel shale 68. Water at 68.
WB	Con VII	" 16	L. Snelder	D. Lecuyer	May 6, 1963	6 1/2						Clay 71; clay gravel 72; black shale 75. Dry hole.
WB	Con VII	" 16	"	"	May 9, 1963	6 1/2	1	75	50	Fresh	D	Clay 7; gravel 72; black shale 75. Water at 72.
WB	Con VII	" 16	"	G. Rice	Sep. 17, 1963	4	12	35	8	"	D, S	Yellow sand 10; blue mud 60; gravel 69. Water at 69.
WB	Con VII	" 17	H. Clarke	"	Aug. 16, 1963	4	10	29	8	"	D, S	Yellow sand 10; blue mud 68; sand 70; hard black rock 77. Water at 77.
WB	Con VII	" 17	L. Schneider	"	Nov. 22, 1963	4						Yellow sand 10; blue mud 62; sand gravel 70; shale 81. Dry hole.
WB	Con VII	" 17	"	"	Dec. 19, 1963	4					N	Yellow sand 10; blue mud 60; sand gravel 69; shale 80. Dry hole.
WB	Con VII	" 18	B. Anderson	D. C. Simpson	Jan. 4, 1963	4	3 1/2	30	17	Fresh		Hardpan 75; black shale 78. Water at 70.
WB	Con VII	" 18	"	"	Jan. 8, 1963	4						Clay loam 3; blue clay 14; clay gravel 46; sand 56; blue clay 76; black shale 80. Dry hole.
WB	Con VII	" 18	"	"	Jan. 11, 1963	4	7 1/2	23	16	Fresh	P	Clay loam 3; grey clay 15; grey clay gravel 74; gravel 76; black shale 80. Water at 74.
WB	Con VII	" 18	"	"	Jan. 15, 1963	4						Clay loam 2; grey clay 14; clay gravel 53; sand 59; clay gravel 76; gravel 78; black shale 81. Dry hole.
WB	Con VII	" 18	"	"	Jan. 21, 1963	4	10	19	14	Fresh	P	Clay loam 2; yellow sand 4; blue clay 20; clay gravel 53; sand 59; clay gravel 76; gravel 78; black shale 81. Water at 76.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY - cont. Romey Twp. - cont. Con III lot 17	G.J. Cours	S.H. Smith	May 1, 1960	4	5	22	16	Fresh	D,S	Topsail brown clay 17; blue clay 124; brown hardpan 133; dark rock 134. Water at 134.
Thamesville Village	Dr.G. Soper	H. McDonald	Nov. 7, 1960	4						Topsail 2; brown clay 12; gravel 16; blue clay 52; brown hardpan 60. Dry hole.
Tilbury East Twp. Con II lot 3	C. Bolley	D. Lecuyer	Sep. 23, 1962	4	1	90	9	Fresh	D	Clay pebbles 78; clay gravel 80; greenish black shale 88; soapstone 90. Water from 80 to 88.
Con II " 7	E. Herman	S. Earl	Nov. 10, 1960	4						Black loam 2; blue clay 103; gray shale 110. Dry hole.
Con V " 3	A. Marchand	D. Lecuyer	Aug. 22, 1962	4	2	60	36	Salty	D	Clay 30; sand clay 35; gravel pebbles 90; sand clay 92; sand 93; sandy shale 95. Water at 95.
Con VI " 1	W. Lipmann	"	Oct. 2, 1961	4						Clay pebbles 87; clay gravel sand 89; black greenish shale 105; Dry hole.
Con VI " 1	"	"	Oct. 19, 1961	4	120	30	6	Fresh	D	Blue clay 38; gravel 41; blue clay pebbles 88; sand clay 89; grey blackish shale 95. Water from 38 to 41.
Con VI " 1	S. Baker	"	Aug. 3, 1962	4	$\frac{1}{2}$	103	7	"	D	Clay 30; clay pebbles 90; sand gravel 97; greenish shale 103. Water at 93.
Con VI " 1	W.W. Lipman	R. Pinsonneault	Sep. 26, 1963	4	2 $\frac{1}{2}$	55	4	Salty	D	Topsail 2; yellow clay 12; brown clay pebbles 35; clay shale 38; clay pebbles 90; hardpan sand 92. Water at 90.
Con VI " 6	J. Gabral	O. L'Ecuier	Mar. 28, 1963	4						Hard clay 80; sort clay 118; sand clay 120; soapstone 140. Dry hole.
Con VI " 9	Ont. Dept. of Highways	E. Hernandez	Feb. 12, 1963	7	10	65	12	Salty	N	Topsail 1; clay 128; limestone 135; shale 190; limestone 197; shale 210; brown limestone 296. Water from 131 to 133.
Con VIII " 19	H. Shaufler	"	Apr. 14, 1962	7			30	"	N	Topsail clay 114; black shale 121; soapstone 190; limestone 220; soapstone 240; brown limestone 525. Water at 420. Gas at 220.
Con IX " 6	P. Van Erp	G.P. Newham	Aug. 25, 1962	5 $\frac{1}{2}$	2 $\frac{1}{2}$	45	21	"	D,S	Yellow clay 18; blue clay 118; quicksand 131; gravel 137. Water at 137.
MEN " 1	Merlin District High School	M. Hernandez & Sons	Aug. 26, 1960	7			32		N	Topsail 1; yellow clay 91; blue clay 136; sandy clay 140; kettle point shale 180; shale 200; dolomite 243.
MEN " 1	"	"	Aug. 29, 1960	7	5	35	32	Fresh	P	Topsail 1; yellow clay 91; blue clay 136; fine sand 139; kettle point shale 141. Water at 140.
MEN " 1	A.L. Willick	O. L'Ecuier	Jun. 8, 1963	4	2 $\frac{1}{2}$	80	30	"	D	Hard clay 60; sort clay 130; sand gravel 135. Water at 130.
MRS " B	B. Sparks	H. English	Sep. 30, 1961	4	5	75	48	"	D	Hard clay 110; gravel sand 111; black shale 120; sand 122; black shale 136. Water from 135 to 137.
MRS " 1	C. Fredrick	C. E. Newham	Aug. 29, 1961	5 $\frac{1}{2}$	15	46	37	"	D,C	Yellow clay hardpan 16; blue clay 116; gravel quicksand 137; gravel 139. Water from 137 to 139.
THR " 179	Erte Canning Co.	R. McGaffey	Sep. 14, 1962	10	4 $\frac{1}{2}$	160	60	"	N	Blue clay 20; fine gravel 28; blue clay 101; fine gravel 105; blue clay gravel 164; black shale 182; clay 182; black shale 200. Water at 164.
Zone Twp. Con I lot 4	E. Miller	R. Pinsonneault	May 28, 1962	4	5	20	10	Fresh	D,S	Brown clay 4; blue clay 45; black clay 46; coarse sand gravel 52 hard packed sand. Water at 46.
Con I " 5	Z. Hannon	R. McGaffey	Aug. 17, 1960	4						Top brown clay 15; blue clay 47; sand 50; gravel 65; hardpan 68; hard gray rock 90. Water at 82.
Con I " 5	"	"	Aug. 27, 1960	4	5	25	9	Fresh	D,S	Topsail 4; blue clay 38; hardpan 54. Dry hole.
Con I " 6	R. Pinsonneault	J.E. Smith	Aug. 20, 1960	4						Blue clay 42; cemented gritty sand 59. Dry hole.

Zone	Top.	Cont.	Loc	14	W. Armstrong	R. McGaffey	Apr. 15, 1960	4	3	25	17	Fresh	D, S	Top
Con I	Con II	Con II	Con II	Con II	C. Lunn	J. E. Smith	Sep. 15, 1960	4	5	10	10	"	D, S	Top
Con II	Con II	Con II	Con II	Con II	C. Vermet	R. McGaffey	Dec. 16, 1962	4	4	40	10	"	D, S	Top
Con VII	Con VII	Con VII	Con VII	Con VII	V. Demaiter	W. Marsh	Nov. 3, 1960	4	1	81	17	"	N	Top
Con VII	Con VII	Con VII	Con VII	Con VII	"	"	Nov. 10, 1960	4	7	40	17	"	D, In	Top
Gore	Gore	Gore	Gore	Gore	M. Buckenham	Water Resources	Sep. 5, 1961	5						Top
Gore	Gore	Gore	Gore	Gore	"	"	Nov. 15, 1961	5				Fresh	D	Top
Gore	Gore	Gore	Gore	Gore	"	"	Nov. 21, 1961	5	4	56	30	"	D	Top
LRN	LRN	LRN	LRN	LRN	L. Wilkins	R. Pinsonneault	Nov. 7, 1963	7						Top
RR	RR	RR	RR	RR	H. Marcus	S. Earl	Jul. 15, 1960	4	3½	80	46	Salty	D	Top
LAWSON COUNTY.														
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	F. Hill	Dolphin & Earl	Sep. 16, 1960	4	2	73	63	Fresh	D	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	C. Petrolino	"	Dec. 28, 1960	4	5	40	22	"	C	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	V. Purdue	A. A. Heal	Feb. 15, 1961	4	1	80	40	"	D	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	R. Douglas	Dolphin & Earl	Mar. 28, 1961	4	2	50	24	"	D	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	J. Ferguson	"	Jul. 18, 1961	4	2	70	30	"	D	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	A. McLechlan	W. Marsh	May 29, 1962	5						Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	"	"	Jun. 8, 1962	5	½	120	50	Fresh	D	Top
Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	Alvinston Village	N. K. Kinna	"	Jun. 11, 1962	5	10	30	19	"	D	Top
Arkona Village														
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	W. Hawes	A. A. Heal	Aug. 16, 1960	4						Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	"	"	Aug. 22, 1960	4	2	55	15	Fresh	D	Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	R. Burmen	"	Oct. 5, 1960	4	1	52	9	"	D	Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	E. Roberts	IGA	Oct. 8, 1960	4	½	74	20	"	N	Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	J. Wilcox	"	Sep. 25, 1961	4	8	30	20	"	D	Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	J. Henery	A. A. Heal	Dec. 4, 1962	4	4	46	41	"	D, In	Top
Arkona Village	Arkona Village	Arkona Village	Arkona Village	Arkona Village	C. Ridley	"	May 23, 1963	4	4	24	16	"	D	Top

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont. Arkona Village - cont. Arkona Vlg	J. Percy	A.A. Heal	Aug. 8, 1963	4						Topsoil gravel sandy clay 14; clay 25; sand clay streaks 35; blue clay 60; gravelly clay 70; gravel sand boulders clay 72; gritty clay 88; limestone 94. Dry hole.
Arkona Vlg.	"	"	Aug. 17, 1963	4	4	55	28	Fresh	D	Topsoil gravel 6; sandy clay 25; muddy sand 30; sandy clay 57; sand mud streaks 61; sandy clay 62; gritty clay 71; soft rock 80. Water at 85.
Arkona Vlg.	A. Vansas	"	Nov. 20, 1963	4	2	70	25	"	D	Topsoil yellow clay 14; gravelly blue clay 14; blue clay 50; sandy clay 54; gravel 58; sandy clay 60; sand 67; blue clay 76; sand clay 80; limestone 89. Water from 50 to 58 and from 60 to 67 and at 76, 80 and 89.
Bosanquet Twp. Con A lot 18	H. Prance	A.A. Heal	Jun. 2, 1960	6	12	15	4 1/2	Fresh	D	Fill 3; soft blue clay 11; sand 12; blue soft clay 20; fine sand wood 22; gravel 25; clay 57. Water from 11 to 12 and from 22 to 25.
Con I " 23	J. Lacy	HadcoWell Drilling	Sep. 10, 1962	30	2	28	12	"	S	Topsoil 1; grey sand 17; gravel 19; grey sand 20; blue clay 28. Water at 17.
Con II " 2	L. Gordon	A.A. Heal	Aug. 24, 1960	4	5	35	20	"	D	Topsoil yellow clay 14; blue clay 24; sandy clay 42; coarse sand 46; muddy sand 48. Water from 42 to 48.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1960

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Rosanquet Twp. - cont. Con III lot 12 " " " 12 " " " 12 " " " 12 " " " 12 " " " 12 " " " 28	J.E. Lean " " " " " " " " " " " " Thedford P.U.C	F. Rendle " " " " " " " " " " " " International Water Supply	Jul. 26, 1962 Aug. 2, 1962 Aug. 9, 1962 Aug. 15, 1962 Aug. 22, 1962 Oct. 11, 1960	4 4 4 4 4 8	6 80	70 35	55 Flows	Fresh " " " " " "	D, S P " " " "	Blue clay 78; gravel 80; dark rock 85. Dry hole. Loam clay 78; gravel 80; dark rock 92; soapstone 102. Dry hole. Blue clay 78; gravel 80. Dry hole. Blue clay 78; gravel 80; dark rock 92; soapstone 117. Dry hole. Blue clay 88; gravel 90; grey rock 92. Water at 88. 29; hard grey clay sand 65; fine gravel sand hard streaks 77; grey clay Water at 65. Yellow topsoil 16; blue clay 54; gritty clay 60; clay 109; hardpan 112; limestone 114. Water from 109 to 112. Topsoil fibrown clay 11; blue clay 16; blue sand 18; blue clay 20. Water at 16. Topsoil yellow clay 15; blue clay 41; gravel 42; blue clay 61; gravel 62; blue clay 79; gravelly clay 103; limestone 109. Water from 41 to 42. Topsoil yellow clay 10; blue clay 42; hardpan 44; limestone 47. Water from 44 to 46. Old well 10; hard grey rock 17; clay 18. Dry hole.
Con IV " 3 Con IV " 16 Con V " 7 Con V " 18 Con V " 21 Con VI " 15 Con VI " 22 Con VIII " 10	D. Wilson H. Smith W. Wilson School Area Conklin Lumber Co. Ltd. P. Bass School Area D. Stewartson	A.A. Heal HadcoWell Digging A.A. Heal " " F. Rendle A.A. Heal " " " " " "	Jun. 1, 1962 Sep. 8, 1962 Oct. 1, 1960 Aug. 30, 1960 Oct. 14, 1960 Jul. 14, 1960 Aug. 24, 1960 May 24, 1960	4 27 1/2 4 6 4 4 6 4	4 2 1 1/2 15 4 6 4	55 19 41 15 3 3 59 32	33 13 20 3 3 3 38 1/2 28	" " " " Fresh Fresh Fresh Fresh "	D, S S N P D D D D P	Blue clay 9; gravel 12; blue clay 50; limestone 53. Water from 51 to 53. Topsoil sandy clay 6; gritty clay 9; limestone 24; grey shale 6; limestone 70; grey shale 110. Dry hole. Topsoil yellow clay 14; sandy clay 38; blue clay 62; boulders 63; blue clay 70; gravelly clay 84; blue clay 93; muddy gravel 108; gravel 112; soft limestone 114. Water from 108 to 112 1/2 and from 112 to 114. Topsoil gravel 4; blue clay 95; hardpan 87 1/2; black shale 97 1/2. Water from 85 to 87 1/2. Hardpan 17; clay stones 51; clay 62; gravel 67; clay 85; grey shale 91. Dry hole. Clay 31; sand 36; clay 50; black shale 61. Dry hole. Yellow topsoil 8; gravel 13; blue clay 79; hardpan 82; dark rock 87. Water at 79. Topsoil yellow clay 12; blue clay 102; hardpan 109; grey shale 124; light limestone 137. Dry hole. Topsoil yellow clay 12; blue clay 102; hardpan 110; limestone top streaks rock 130; hard grey shale 135. Water at 117 1/2. Topsoil sand 6; sand 32. Water from 10 to 32.
Con XI " 13 Con XIII " 18 Con XIII " 18 Con XIV " 12 Con XV " 15 Con XV " 15	Twp School # 2 R. Frayne " " E. Semph B. Watson " "	" " S. Earl " " A.A. Heal " " " "	Apr. 5, 1963 Jun. 19, 1962 Jun. 23, 1962 Jun. 25, 1962 Feb. 22, 1961 Mar. 3, 1961	5 4 4 6 4 4	15 4 7 1/2 1 20	55 38 1/2 115 20 10	50 38 28 10	" Fresh Fresh Fresh "	P D, S D D P	Blue clay 9; hard grey shale 29; soft blue clay 38. Dry hole. Yellow topsoil 15; blue clay 84; hardpan 85; grey shale 103. Dry hole. Yellow topsoil 15; blue clay 85; hardpan 86; grey shale 100. Dry hole. Clay 90; grey shale 150. Dry hole. Brown clay 30; blue clay 91; blue clay gravel streaks 100; black shale 106. Water at 91 and from 105 to 106. Topsoil yellow clay 12; blue clay 100; boulders hard clay 118; limestone 123; grey shale 125. Dry hole. Topsoil sand yellow clay 13; blue clay 100; boulders hard blue clay 119; limestone 125; grey shale 140. Dry hole.
LBE " 35 LBE " 42 LBE " 56 LBE " 56 LBE " 57 LBE " 86 LBE " 72 LBE " 72	Ont. Dept. Highways P. Baileys C. Tidwell " " J. Clark V. Fuller A. Hall " "	P. Rendle A.A. Heal " " " " S. Earl G.C. Hussey & Son A.A. Heal " "	Oct. 3, 1960 Jun. 27, 1962 Jun. 29, 1962 Jun. 15, 1962 May 18, 1962 Dec. 7, 1961 Dec. 15, 1961	4 4 4 4 4 4 4	4 4 4 4 4 4 4	90 45 45 45 45 45 45	45 45 45 45 45 45 45	Fresh FRESH FRESH FRESH FRESH FRESH FRESH	D D D D D D D	Blue clay 9; hard grey shale 29; soft blue clay 38. Dry hole. Yellow topsoil 15; blue clay 84; hardpan 85; grey shale 103. Dry hole. Yellow topsoil 15; blue clay 85; hardpan 86; grey shale 100. Dry hole. Clay 90; grey shale 150. Dry hole. Brown clay 30; blue clay 91; blue clay gravel streaks 100; black shale 106. Water at 91 and from 105 to 106. Topsoil yellow clay 12; blue clay 100; boulders hard clay 118; limestone 123; grey shale 125. Dry hole. Topsoil sand yellow clay 13; blue clay 100; boulders hard blue clay 119; limestone 125; grey shale 140. Dry hole.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBTON COUNTY - cont. Brooke Twp. - cont. Con I " 12	R. Warner Turkey Farms	Dolphin & Earl	Sep. 14, 1960	4						Yellow clay 9; blue clay 50; hardpan 52; black shale 67. Dry hole.
Con I " 12	"	"	Sep. 20, 1960	4	4	64	49	Fresh	D, S	Yellow clay 9; blue clay 50; hardpan 52; black shale 67. Dry hole.
Con I " 12	"	"	Sep. 25, 1960	4	4	4	49	Fresh	D, S	Yellow clay 18; blue clay 53; hardpan 60; black shale 67. Water at 67.
Con I " 13	R. Pecana	S. Earl	May 12, 1962	4	10	36	20	Sulphur	D	Clay 6; black shale 72. Water from 62 to 64.
Con II " 12	R. Tate	C. Kimball	Aug. 3, 1960	10	4	35	18	Fresh	S	Top clay 8; blue clay 20; soft silty clay 30; blue clay 58; black shale 60. Water at 60.
Con II " 13	A. Erdodi	S. Earl	Mar. 31, 1962	4	4	50	30	Sulphur	D	City clay 60. Water at 60.
Con II " 14	S. Stefanik	"	Apr. 16, 1962	4	10	28	20	"	D	Clay 6; gravel 62; black shale 72. Water at 62.
Con II " 19	H. Werner	Dolphin & Earl	Nov. 28, 1963	4	5	29	13	Fresh	D, S	Clay 6; gravel 66; black shale 82. Water from 62 to 66.
Con III " 1	T. Henderson	Weatherstone & Williams	Oct. 3, 1963	6	10	26	15	"	S	Red clay 10; blue clay 68; blue shale 70. Water at 70.
Con III " 2	S. Robinson	Dolphin & Earl	Apr. 25, 1963	4	7	30	24	"	D, S	Top clay 12; blue clay 63. Water at 63.
Con III " 18	H. Goodhand	A.A. Heel	May 31, 1962	4	5	7 1/2	7	"	D	Yellow clay 10; blue clay 56; gravel 61; black shale. Water at 61.
Con III " 20	D. Gray	"	Feb. 20, 1963	4	4	19	14	"	D	Topsoil yellow clay 10; sand streaks 12; blue clay 63; hardpan 66; black gravel 66. Water from 10 to 12 and from 64 to 66.
Con IV " 1	J. Gentlemen	Dolphin & Earl	Dec. 10, 1962	4	5	30	21	"	D, S	Topsoil yellow clay 12; blue sandy clay 20; soft blue clay 57; hardpan 70; grey black shale 73. Water from 70 to 73.
Con IV " 4	H. Durdas	"	Sep. 1, 1962	4	10	20	16	"	D, S	Yellow clay 16; blue clay 64; hardpan 66; black shale 68. Water from 66 to 67.
Con IV " 21	Alvinston Cemetery Board	"	Apr. 5, 1963	4	5	50	28	"	D	Yellow clay 9; blue clay 49; gravel 50; black shale. Water from 49 to 50.
Con V " 3	R. Munroe	"	Sep. 6, 1962	4	10	18	14	"	D	Gravel 20; blue clay 70; hardpan 78; gravel 82; black shale. Water at 82.
Con V " 4	C. & M. Thorpe	"	Sep. 16, 1963	4	6	20	16	"	D	Yellow clay 9; blue clay 52; gravel 61. Water from 59 1/2 to 61.
Con V " 4	R. Stinson	"	Oct. 26, 1960	4	3	27	19	"	D	Yellow clay 10; blue clay 57; black shale. Water at 67.
Con V " 9	S.S. Courtwright	"	Jun. 18, 1963	4	10	18	15	"	D	Yellow clay 15; blue clay 59; hardpan gravel 61; black shale 62. Water at 61.
Con V " 18	Warner Turkey Farms	"	Sep. 1960	4	10	35	15	"	D, S	Yellow clay 5; blue clay 60; hardpan 62; black shale. Water at 62.
Con V " 18	E.T. Husler	"	May 17, 1960	4	1 1/2	30	16	Fresh	D	Red clay 4; gravel 10; blue clay 70. Dry hole.
Con V " 21	S. Kucerra	"	May 19, 1960	4	3	76	25	"	D	Red clay 10; blue clay 66; hardpan 70; black shale. Water at 70.
Con V " 22	R. Hearst	"	Aug. 25, 1962	4	4	76	25	"	D	Sand gravel 15; blue clay 75; gravel 77. Water from 76 to 77.
Con V " 22	"	"	May 7, 1960	4	4			"	D	Red clay 8; blue clay 48; hardpan 53; black shale 71; blue shale 75. Dry hole.
Con V " 22	"	"	May 8, 1960	4	4			"	D	Red clay 8; blue clay 56; black shale. Dry hole.
Con V " 22	"	"	Sep. 5, 1960	4	4			"	D	Clay 7; black shale 25; blue shale 38 1/2. Dry hole.
Con V " 22	"	"	Sep. 7, 1960	4	4			"	D, S	Clay sand 5; black shale 25; blue shale 27. Water at 27.
Con VI " 2	J. Machava	"	Jul. 20, 1960	4	15	25	15	Sulphur	D, S	Red clay 9; blue clay 52; hardpan gravel 57; black shale. Water at 57.
Con VI " 3	R. Singleton	A.A. Heel	Feb. 17, 1961	4	2 1/2	60	14	"	D	Topsoil yellow clay 10; blue clay 56 1/2; hardpan 58 1/2; black shale 66. Water from 57 to 58 1/2.
Con VI " 4	T. Park	Dolphin & Earl	Jun. 10, 1960	4	5	16	14	"	D	Yellow clay 8; blue clay 56; hardpan 57 1/2; black shale 63 1/2. Water at 63 1/2.
Con VI " 4	C. McLaughlin	"	Jun. 16, 1960	4	5	15	14	"	D	Yellow clay 9; blue clay 57; gravel 60. Water from 57 to 60.
Con VI " 4	D. Pecaps	"	Oct. 24, 1963	4	4	12	12	"	D	Blue clay 53; gravel 55. Water at 53.
Con VI " 5	S. Gardiner	O. Kimball	Jun. 21, 1961	6	2	25	15	"	D	Brown clay 10; blue clay 57; black gritty sand gravel 60. Water from 57 to 60.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMINGTON COUNTY - cont. Brooke Twp. - cont. Con X lot 26	J.W. McEachern	S. Earl	May 30, 1961	4	15	35	20	Sulphur	D	Clay 40; fine sand 45; hardpan 62; sand stones 64; black shale 87. Water from 62 to 64.
Con XI "	B. Tratecheud	Dolphin & Earl	May 6, 1963	4			12	Fresh	N	Yellow clay 10; blue clay 54; hardpan 55; black shale 83. Water at 55. (Fresh cloudy)
Con XI "	"	"	May 6, 1963	4	3	28	11	"	D, S	Yellow clay 10; blue clay 54; black shale 78. Water at 77 and 78.
Con XI "	W. Dubs	S. Earl	Dec. 5, 1963	4	10	24	20	"	D	Clay 73; black shale 74. Water from 73 to 74.
Con XI "	S. Smith	A.A. Heal	Aug. 6, 1960	4	4	53	31	"	D	Topsoil yellow clay 14; blue clay 69; gravel sand 74½. Water at 74.
Con XI "	R. Ferguson	Dolphin & Earl	Sep. 26, 1963	4	7	46	18	"	D, S	Blue clay 60; hardpan 63; gravel 64. Water at 63½.
Con XII "	C. Watson	A.A. Heal	Jan. 30, 1963	4	1½	112	60	Sulphur	N	Yellow topsoil 14; blue clay 90; sand 91; black shale 112. Water at 91.
Con XII "	"	"	Feb. 4, 1963	4	2½	82	60	"	D, S	Yellow topsoil 14; blue clay 90; black sand 91; black shale 95½. Water from 90 to 91.
Con XII "	L. Donkers	"	Aug. 15, 1962	4	4	25	24	Fresh	D	Yellow topsoil 12; sandy clay 28; blue clay 71; hardpan 74; black shale 75. Water at 72.
Con XIII "	C. Wilson	"	Jul. 13, 1960	4	3	24	6	"	D	Topsoil yellow clay 14; blue clay 40; gravelly clay 54; hardpan 55; black sand 55; black shale 66. Water from 55 to 56.
Con XIII "	E. Holbrook	"	May 1, 1960	4	i	49	8	"	D	Topsoil yellow clay 6; blue clay 47; hardpan 49; black shale 52. Water from 48 to 49.
Con XIII "	"	"	May 3, 1960	4	1½	48	Flows	"	D	Topsoil yellow clay 8; blue clay 34; blue clay gravel 44; muddy gravel 46; hardpan 48; black shale 50. Water from 46 to 48.
Con XIII "	L. Warden	"	Apr. 18, 1962	4	1	88	54	Sulphur	D	Topsoil yellow clay 14; blue clay 86; hardpan 88; black shale 92. Water from 86 to 87.
Con XIII "	"	"	Feb. 8, 1963	4	2	83	60	"	D, S	Yellow topsoil 15; blue clay 85; hardpan 88; black shale 93. Water from 85 to 88.
Con XIV "	A. Sisson	C. Thrower	Apr. 15, 1960	4				"	D, S	Top clay 8; blue clay 47; blue hardpan 48; black shale 65; Dry hole.
Con XIV "	"	"	Apr. 18, 1960	4	10	20	10	Fresh	D, S	Top grey clay 9; blue clay 46; gravel 48; black shale 50. Water from 46 to 48.
Con XIV "	E. Davidson	A.A. Heal	May 16, 1963	4	5	84	58	Sulphur	S	Yellow topsoil 15; blue clay 77; gritty clay 105; sand 106½; black shale 110. Water from 105½ to 106½.
Con XIV "	H. Johnston	S. Earl	Apr. 16, 1961	4	5	65	40	"	D	Clay 85; hardpan 102; black shale 111. Water at 106.
Con XIV "	F.C. Davidson	A.A. Heal	Jan. 4, 1962	4	4	37	35	"	D	Topsoil sandy clay 4; gravel 12; blue clay 67; hardpan 78; grey shale 85. Water from 77 to 78.
Con XIV "	W. Sifton	"	Dec. 12, 1961	4	3	82	13	"	D, S	Yellow topsoil 14; blue sand 35; sand streaks 40; clay 70; hardpan 77; grey shale 83. Water at 77.
Dawn Twp. Con I lot 11	U.S.S.# 22	D.C. Simpson	Aug. 24, 1962	4	7½	15	8	Fresh	P	Topsoil clay 7; blue clay 14; putty clay 16; gravel blue clay mixed 52; sand gravel 56; shale 62. Water at 52.
Con I "	G. Graham	R.W. Simpson	Jan. 5, 1961	4	5	20	16	"	D, S	Topsoil 2; yellow clay 9; blue clay 56; black shale. Water at 56.
Con I "	B. Bradley	"	Jul. 23, 1962	4	5	18	16	"	D, S	Topsoil 2; yellow clay 10; blue clay 68; gravel 69; black shale 71. Water at 68.
Con I "	W. Metcalfe	A.A. Heal	Aug. 28, 1963	4				"	D	Yellow topsoil 12; blue clay 73; hardpan 75; black shale 77. Dry hole.
Con I "	"	"	Aug. 29, 1963	4	2	79	19	"	D	Yellow topsoil 12; blue clay 74; muddy haripan 75½; black sand 76; black shale 79. Water from 75½ to 76.
Con I "	"	"	May 23, 1963	4	6	29	20	"	S	Topsoil 2; brown clay 20; blue clay 60; gravel 62; black shale

	1st 29	B.E. Davis	R. Marsh Ltd	May 15, 1961	4	2	25	17	Fresh	D	Topsoil 4; blue clay 64; sand shale 65; horizon 65. Water from 64 to 65.
Con II	"	N. Wilson	H. McDonald	Oct. 15, 1963	4	15	20	8	"	D, S	Topsoil 2; brown clay 22; blue clay 73; gravel 75; black shale 77. Water at 75.
Con III	"	A. Houston	R.W. Simpson	Aug. 10, 1962	4	2	45	6	"	S	Topsoil 2; blue clay 52; black shale 53. Water at 52.
Con III	"	D. Robinson	"	Jun. 3, 1962	4	5	25	21	"	S	Topsoil 2; yellow clay 9; blue clay 61; loose black shale 62. Water at 61.
Con III	"	L. Deighton	C. Webster	Sep. 4, 1962	6	10	20	18	"	D, S	Topsoil 3; blue clay 60; horizon 65; gravel 66. Water at 65.
Con III	"	K. Elliott	"	Dec. 10, 1962	10	4			"	D, S	Topsoil 3; blue clay 69; hard light grey shale 76. Dry hole.
Con III	"	"	R.W. Simpson	Aug. 15, 1963	4	4			"	D, S	Topsoil 2; yellow clay 10; blue clay 71; black shale 73. Dry hole.
Con IV	"	K. Turner	"	Jul. 21, 1962	4	5	17	14	Fresh	D, S	Topsoil 2; yellow clay 8; blue clay 57; black shale 58. Water at 57.
Con IV	"	"	"	Jul. 22, 1962	4				"	D, S	Topsoil 2; yellow clay 8; blue clay 54; horizon stones. Dry hole.
Con IV	"	E. Jacques	"	Jul. 17, 1962	4	5	18	16	Sulphur	D, S	Topsoil 2; yellow clay 9; blue clay 57; loose shale 58; black shale 59. Water at 57.
Con IV	"	W. Kelly	E. Morningstar	Sep. 16, 1963	4	4	28	20	Fresh	D, S	Yellow clay 11; blue clay 49; black shale 55. Water at 54.
Con V	"	R. Langstaff	R.W. Simpson	Aug. 20, 1963	4	6	15	15	"	N	Topsoil 2; yellow clay 8; blue clay 43; fine sand 45; horizon 62; black shale 65. Water from 43 to 45.
Con V	"	"	"	Aug. 26, 1963	4	6	20	15	"	D	Topsoil 2; yellow clay 10; blue clay 41; horizon 50; sand gravel 56; horizon 82; black shale 84. Water at 82.
Con V	"	D. Gallies	"	Jan. 2, 1961	4				"	D	Topsoil 2; yellow clay 10; blue clay 41; black shale. Dry hole.
Con V	"	"	"	Jan. 3, 1961	4				"	D	Clay 55; horizon 59; black shale. Water at 59.
Con V	"	W. Thomas	Dolphin & Earl	Oct. 11, 1960	4	10	30	18	Fresh	S	Top brown clay 5; blue clay 50; horizon 52; black gravel shale 54. Water from 52 to 54.
Con V	"	H. Young	C. Webster	May 18, 1963	7	4	24	18	"	D, S	Topsoil 2; yellow clay 12; blue clay 42; gravel 44; black shale 50. Water at 42.
Con VI	"	E. Anderson	R.W. Simpson	Sep. 6, 1960	4	5	18	12	"	D, S	Yellow clay 9; blue clay 48; horizon 50; shale. Water at 50.
Con VII	"	G. Whitson	H. McDonald	Apr. 8, 1962	4	7	10	8	Sulphur	N	Topsoil 2; yellow clay 8; blue clay 31; black shale. Dry hole.
Con VII	"	E. Dawn School Area	R.W. Simpson	Apr. 27, 1961	4	5	17	15	Fresh	P	Topsoil 1; blue clay 15; black shale 18. Dry hole.
Con VII	"	M. Thomas	Dolphin & Earl	Oct. 22, 1960	4	4	35	20	"	D	Blue clay 16; gritty clay 17; gravel 18. Water at 17.
Con VII	"	K. Johnston	R.W. Simpson	May 4, 1963	4	5			"	D	Topsoil 2; yellow clay 9; blue clay 29; loose shale 30. Water at 29.
Con VII	"	"	"	May 5, 1963	4				"	D	Topsoil 2; yellow clay 7; blue clay 30; loose shale 31. Water at 30.
Con VII	"	"	"	May 7, 1963	4				"	D	Topsoil 2; yellow clay 9; blue clay 35; black shale. Dry hole.
Con VII	"	"	"	May 9, 1963	4				"	D	Topsoil 2; yellow clay 14; blue clay 59; black shale 61. Water at 59.
Con VII	"	"	"	Nov. 12, 1963	10	8	12	6	Fresh	N, S	Brown clay 8; blue clay 53; shale 58. Water at 58.
Con VII	"	"	C. Webster	Nov. 14, 1963	4	6			"	D, S	Topsoil 3; blue clay 55. Water at 58.
Con VII	"	"	E.W. Simpson	Apr. 6, 1962	4	6	20	10	Sulphur	N, N	Topsoil 4; blue clay 50. Dry hole.
Con VII	"	"	"	Apr. 8, 1962	4	6	20	10	Fresh	D	Topsoil 1; blue clay 20; blue clay 50; black shale 67; black sand 68; black shale 74. Dry hole.
Con VII	"	"	"	May 10, 1963	4	5	12	9	"	D	Blue clay 41; soft blue clay 49; black shale gravel 51. Water from 49 to 51.
Con VII	"	M. McFadden	"	Jul. 14, 1962	4	4	25	14	Fresh	D, S	
Con VII	"	R. Wright	"	Apr. 21, 1960	4	4	35	22	"	P	
Con VII	"	M. Steinhoff	"	Dec. 23, 1963	6 1/2	15	38	18	"	D	
Con VIII	"	School Area	W. Marsh	Aug. 9, 1960	6	7			"	D	
Con VIII	"	N. Barnes	C. Webster	Sep. 17, 1960	10				"	D	
Con VIII	"	K. Uehart	S.J. Atkinson	Nov. 6, 1963	4				"	D	
Con VIII	"	"	"	Apr. 26, 1963	6	4	22	17	Fresh	D	
Con VIII	"	D. Zavitz	C. Webster						"	D	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont.										
Dewa Twp. - cont.										
Con IX	K. Johnston	R.W. Simpson	May 3, 1963	4	3	11	8	Fresh	D	Topsoil 2; yellow clay 8; blue clay 31; black shale 32. Dry hole.
Con IX	S.J. Smith	Weatherstone & Williams	Jul. 20, 1963	6						Top clay 5; blue clay 20. Water at 20.
Con IX	H. Plain	W. Marsh	Aug. 10, 1963	10	3	35	12	"	D,S	Grey clay stones 37; haripan 38; black shale 40. Water at 38.
Con IX	E. Burrell	"	Aug. 13, 1963	5	3	36	13	"	D,S	Grey clay stones 38; haripan 40; black shale 45. Water from 38 to 40.
Con IX	D. McKay	E. Morningstar	Oct. 1, 1963	5	5	30	18	Sulphur	D,S	Yellow clay 12; blue clay 55; sand hor. grey rock 56; cemented stony haripan 72. Water from 60 to 72.
Con IX	W. McKay	C. Webster	May 18, 1962	6	10	23	19	Fresh	S	Top clay 3; blue clay 62; gravel haripan 65. Water at 61.
Con IX	O. Varhaeghe	E. Morningstar	Oct. 8, 1963	5		50	50	"	N	Yellow clay 11; blue clay 49; black shale 98. Limestone. Gas with water at 40 1/2.
Con X	E. Kolmeiges	H. McDonald	Nov. 4, 1961	4						Topsoil 2; brown clay 7; blue clay 21; black shale 23. Dry hole.
Con X	"	"	Nov. 6, 1961	4	3	16	10	Sulphur	S	Topsoil 2; brown clay 6; blue clay 20; black shale 26. Water at 22.
Con X	"	"	Oct. 24, 1963	4						Topsoil 2; brown clay 15; blue clay 25; black shale 52. Dry hole.
Con X	"	"	Oct. 27, 1963	4						Topsoil 2; brown clay 12; blue clay 24; black shale 35. Dry hole.
Con X	"	"	Oct. 31, 1963	4	4	8	6	Sulphur	D,S	Topsoil 1; brown clay 7; gravel 8; black shale 22 1/2. Water at 7.
Con X	E. Eden	W. Marsh	Aug. 17, 1963	5	10	20	14	Fresh	D,S	Old well 22; grey clay 43; haripan 44; black shale 45. Water at 44.
Con X	C. Clements	R.W. Simpson	Aug. 31, 1962	4						Topsoil 2; yellow clay 9; blue clay 41; black shale 47. Dry hole.
Con X	"	"	Sep. 1, 1962	4	4	22	12	Sulphur	D,S	Topsoil 1; yellow clay 9; blue clay 41; black shale. Water at 41.
Con X	R. McKay	C. Webster	Jul. 18, 1961	6	3	23	29	"	D,S	Topsoil 3; blue clay 46; gravel 46. Water at 44.
Con X	L. Williams	Weatherstone & Williams	Oct. 19, 1963	6	10	30	28	Fresh	S	Top clay 12; blue clay 43; black sand. Water at 43.
Con X	E. Loosmore	C. Webster	Jun. 23, 1961	6	5	35	29	"	D,S	Light topsoil 5; blue clay 49; slate rock gravel 50. Water at 50.
Con X	A. Graham	Weatherstone & Williams	Oct. 26, 1963	6	4	25	20	Sulphur	D,S	Top clay 10; blue clay 49; black sand 49. Water at 49.
Con X	D. McKay	"	May 20, 1961	10						Topsoil 4; blue clay 54; stony haripan 55. Water at 55.
Con X	"	C. Webster	May 31, 1962				3	Fresh	N	Blue clay 50; rock. Dry hole.
Con X	"	"	Jun. 10, 1962	6	10	21	17	"	S	Blue clay 46; gravel 48; shale. Water at 48.
Con X	W. Leeson	"	May 8, 1961	10						Topsoil 3; blue clay 47. Dry hole.
Con X	"	"	May 9, 1961		4	30	33	Fresh	S	Topsoil 1; blue clay 46; gravel haripan 47. Water at 47.
Con X	J. Oliver	E. Morningstar	Jul. 3, 1963	5	5	18	15	"	D,S	Previously drilled 30; loose black shale 64; solid black shale 66 1/2. Water at 65.
Con X	"	"	Nov. 18, 1960	10						Topsoil 1; blue clay 67. Water at 67.
Con X	A. Lassaline	C. Webster	Aug. 28, 1963	5	10	67	25	"	S	Grey clay stones 65; gravel haripan 67. Water from 65 to 67.
Con XI	B. Duvlop	Weatherstone & Williams	Jul. 13, 1963	6	6	19	15	"	D,S	Top clay 11; blue clay 50; black sand. Water at 50.
Con XI	J. Dunlop	O. Kimball	Jul. 23, 1961	6	2	30	10	"	D,S	Brown clay 12; blue clay 65; black sand gritty clay. Water at 65.
Con XI	C. Lassaline	F. Jackson	Jun. 29, 1961	4	15	35	24	"	D	Clay loam 2; yellow clay 12; blue clay 61; black rock gravel 63; black rock 66. Water at 61 and 64.
Con XI	"	H. Morningstar	Sep. 15, 1961	4	25	40	20	"	D	Yellow clay 15; blue clay 6; sand gravel 69 1/2. Water at 69 1/2.
Con XII	T. Mawlam	R. Pinsonneault	Oct. 14, 1963	4	5	25	15	Sulphur	S	Gritty yellow clay 8; gritty brown clay 52; black shale 54. Water at 52.
Con XII	B. Leitch	R.W. Simpson	Nov. 28, 1962	4	5	18	16	Fresh	D,S	Topsoil 2; yellow clay 7; blue clay 67; black shale 68. Water at 67.
Con XII	O. Robinson	"	Sep. 15, 1960	4						Topsoil 2; yellow clay 9; blue clay 60; black shale. Dry hole.
Con XII	"	O. Kimball	Nov. 28, 1960	6	3	55	25	Fresh	D,S	Topsoil 3; yellow clay 12; blue clay 23; stony clay 53; blue clay 60; black gravel 62. Water at 62.

Well No.	Owner	Driller	Date	Depth	Remarks	Notes
28	W. Butcher	R.W. Simpson	Dec. 8, 1961	4	Topsail 2; yellow clay 9; blue clay 50; black shale 52. Dry hole.	
29	"	"	Dec. 10, 1961	4	Topsail 2; yellow clay 9; blue clay 49; black shale. Dry hole.	
30	"	"	Dec. 12, 1961	4	Topsail 2; yellow clay 9; blue clay 50; black shale. Dry hole.	
31	"	"	Dec. 15, 1961	4	Topsail 2; yellow clay 8; blue clay 50; black shale. Dry hole.	
32	"	"	Feb. 19, 1962	4	Clay 50; black shale 72. Dry hole.	
33	S. Earl	"	May 20, 1962	4	Topsail 2; yellow clay 9; blue clay 50; black shale. Dry hole.	
34	R.W. Simpson	"	May 20, 1962	4	Topsail 2; yellow clay 9; blue clay 50; black shale. Dry hole.	
35	"	"	May 21, 1962	4	Topsail 2; yellow clay 9; blue clay 50; black shale. Dry hole.	
36	"	"	May 22, 1962	4	Topsail 2; yellow clay 10; blue clay 50; black shale 51. Dry hole.	
37	"	"	May 23, 1962	4	Topsail 2; yellow clay 9; blue clay 49; loose shale 50; black shale 51. Water at 50.	
38	"	"	May 27, 1962	4	Brown clay 12; blue clay 56; black gravel 60. Water from 56 to 60.	
39	P. Snopko	O. Kimball	Jul. 26, 1961	6	Topsail 2; yellow clay 8; blue clay 60; black shale 61. Water at 60.	
40	"	"	Nov. 19, 1962	4	Top sand 4; yellow clay 12; blue clay 45; hardpan 54; black blue shale 79. Water at 60.	
41	C. Moore	G. McGaffey	Aug. 31, 1962	4		
42	"	"	Dec. 10, 1963	5	Yellow clay 14; blue clay 74; black shale gravel. Water at 74.	
43	F. Mills	E. Morningstar	Jun. 1, 1962	5	Topsail 2; yellow clay 7; blue clay 57; loose shale 58; black shale 59. Water at 57.	
44	E. Gosnell	R.W. Simpson	Nov. 24, 1960	4	Red clay 10; blue clay 55; gravel 62; black shale 65; dark grey rock 69. Water at 65.	
45	B. Woods	H.A. Brandon	Oct. 9, 1963	5	Yellow clay 10; blue clay 50; fine gritty black shale 56; grey limestone 68; black shale 73; grey limestone 81; shale soapstone 84; grey limestone 87; black shale 90; soapstone 91. Dry hole.	
46	D. Exoy	E. Morningstar	Oct. 25, 1963	5	Yellow clay 11; blue clay 53; grey limestone 57; soapstone 58; black shale 61; limestone 61; black shale 67; grey limestone 70. Dry hole.	
47	"	"	May 7, 1960	6	Sutsoil 6; blue clay 78; bedrock black shale 78. Water at 78.	
48	J. Lessalline	C. Webster	Nov. 22, 1961	6	Brown clay 8; blue clay 43; black gritty sand gravel 44. Water at 43.	
49	G. Moore	O. Kimball	Dec. 16, 1961	4	Yellow clay 14; blue clay 40; hardpan 44; black shale. Water at 44.	
50	"	"	Jul. 14, 1963	5	Yellow clay 13; blue clay 58; gritty clay 59; black shale 61.	
51	J. Mitchell	E. Morningstar	Jun. 18, 1963	4	Topsail 9; blue clay 51; hardpan 53; black shale 57. Water at 53.	
52	I. Spearman	L. Rawson	Apr. 9, 1963	4	Topsail 12; blue clay 62; hardpan 63; black shale 65. Water at 63.	
53	F. Ozi	"	Apr. 15, 1962	7	Blue clay 58; black shale 103; hard grey rock 203. Water from 180 to 200.	
54	W. Brandon	H.A. Brandon	Sep. 14, 1963	5	Yellow clay 12; blue clay 50; shale clay 60; dark grey rock 67; soapstone 69; hard black rock 84. Water at 83.	
55	J. Bailey	E. Morningstar	Jun. 24, 1963	6	Top clay 4; blue clay 70; rock. Water at 70.	
56	C. Beveridge	J. Chrysler	May 8, 1962	6	Topsail 10; blue clay 61; shale 67. Water at 61.	
57	H. Cameron	L. Rawson	Jul. 21, 1962	10	Red clay 20; blue clay 50; black shale 99. Water at 91.	
58	T. Mackesy	H.A. Brandon	Aug. 29, 1963	6	Clay 58; black shale 125. Water at 58. Insufficient quantity.	
59	S.J. Atkinson	S.J. Atkinson	Sep. 17, 1963	6	Topsail 1; blue clay 62; shale 184; limestone soapstone 187; limestone 192. Dry hole.	
60	"	"	Oct. 5, 1965	6	Topsail 1; blue clay 64; black shale 102. Water at 65.	
61	"	"				

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMETON COUNTY - cont.										
Eniskillen Twp. - cont.										
Con IV lot 17	H. Park	L. Rawson	May 25, 1962	4	10	25	23½	Fresh	D,S	Topsoll 12; blue clay 78; hardpan 82; shale 85. Water at 82.
Con IV	J. Lefabore	H.A. Brandon	Jan. 7, 1961	4	5	20	18	"	D,S	Red clay 18; blue clay 58; black shale 71. Water at 58.
Con IV	M. Walker	H. Morningstar	Jan. 25, 1961	4	8½	30	40	"	D,S	Yellow clay 10; blue clay 56; black shale. Water at 56.
Con IV	R. Downie	C. Webster	Sep. 16, 1961	4	8	30	47	"	N	Top yellow clay 3; blue clay 52; dark clay hardpan 57. Water at 57.
Con IV	"	"	Mar. 18, 1962	10						Top dark clay 3; blue clay 52; dark clay hardpan 55. Dry hole.
Con IV	"	"	Mar. 23, 1962	10						Blue clay 55; hardpan 58. Dry hole. Gas at 55.
Con IV	"	"	Sep. 18, 1962	10						Topsoll 2; blue clay 53; hardpan 55. Dry hole. Gas at 56.
Con IV	"	"	Sep. 21, 1962	10	1½	45	17	Fresh	N	Topsoll 2; blue clay 53; hardpan 58. Dry hole.
Con IV	"	"	Oct. 1, 1962	10	5		30	"	D,S	Brown clay 10; blue clay 57; black shale 60. Water from 57 to 60.
Con IV	"	G.C. Hussey & Son	Jun. 6, 1963	4						Red clay 10; blue clay 89; black shale 102. Water at 94.
Con V	B. Grey	H.A. Brandon	Mar. 22, 1962	4	10	32	22	"	D	Topsoll 10; blue clay 56; hardpan 60; shale 65. Water at 62.
Con V	R. Randall	L. Rawson	Aug. 12, 1961	4	10	40	22	"	D	Topsoll 12; blue clay 57; hardpan 60; shale 66. Water at 60.
Con V	H. Bradley	"	Jun. 13, 1963	4	8	28	26	"	D	Topsoll 12; blue clay 57; hardpan 61; black shale 66. Water at 61.
Con V	C. Stokes	"	Jun. 17, 1963	4	3	50	25	"	D	Yellow clay 10; gravel hardpan 42; gravel 46; hardpan 48; gravel 54; hardpan 64; black shale 65. Water from 64 to 65.
Con V	"	Dolphin & Earl	Jul. 6, 1960	4	10	25	25	"	D	Yellow clay 12; blue clay 55; hardpan gravel 57. Water from 55 to 57.
Con V	J. Leurey	"	May 16, 1963	4	3	30	20	"	S	Blue clay 71; black shale 91. Dry hole.
Con VI	W. Anderson	H.A. Brandon	Aug. 1, 1962	4						Blue clay 71; black shale 86. Dry hole.
Con VI	"	"	Aug. 3, 1962	4						Blue clay 71; black shale 86. Dry hole.
Con VI	"	"	Aug. 5, 1962	4						Blue clay 71; black shale 86. Dry hole.
Con VI	"	"	Aug. 15, 1962	4						Blue clay 71; black shale 86. Dry hole.
Con VI	G.H. Scott	L. Rawson	May 24, 1963	4	6	35	22	Fresh	D,S	Topsoll 12; blue clay 71; hardpan 73; black shale 74. Water at 73.
Con VI	J. McDonald	E. Morningstar	Nov. 27, 1963	5						Yellow clay 9; blue clay 65; gritty fine black shale 93; hardpan black shale 100. Dry hole.
Con VI	F. Haylik	L. Rawson	Nov. 7, 1960	4	10	44	13	Fresh	D	Topsoll 11; blue clay 53; hardpan 54; shale 56. Water at 54.
Con VI	R. Walker	"	Aug. 30, 1962	4	1	1	36	Sulphur	D,S	Topsoll 12; blue clay 52; hardpan 53; shale 62. Water at 53.
Con VI	A. Core	H.A. Brandon	Jul. 21, 1962	4	5	15	13	Fresh	D,S	Blue clay 54; black shale 56. Water at 55.
Con VI	R. Marriott	"	Jun. 15, 1962	4	5	16	13	"	D	Blue clay 54; black shale 57. Water at 56.
Con VI	J. Marriott	A.A. Heel	Feb. 22, 1961	4	3	45	13	"	D	Topsoll yellow clay 10; blue clay 43; hardpan 45; black shale 54. Water from 43 to 45.
Con VII	L. Dauphousse	"	Sep. 12, 1960	4	4	68	50	"	D	Topsoll yellow clay 10; blue clay 59; coarse sand 60; black shale 70. Water from 59 to 60.
Con VII	K. Woods	W. King	Jul. 10, 1961	4						Brown clay 11; blue clay 55; shale. Dry hole.
Con VII	"	"	Jul. 19, 1961	4						Brown clay 10; blue clay 55; black shale 60. Dry hole.
Con VII	L. Dauphousse	A.A. Heel	Feb. 12, 1962	4	5	41	21	Fresh	D,S	Yellow topsoll 14; blue clay 58; hardpan 60; dark rock 63½. Water at 59.
Con VII	"	"	"	4						Black clay 46; black shale 49. Water at 43.
Con VII	K. Betcher	H.A. Brandon	Sep. 5, 1962	4	5	16	12	"	D,S	Yellow clay 10; blue clay 45; black shale 55. Dry hole.
Con VII	E. Osborne	Dolphin & Earl	May 25, 1962	4	2	57	43	"	D,S	Topsoll 11; blue clay 54; hardpan 55; black shale 57. Water at 55.
Con VIII	C. Matland	L. Rawson	Sep. 8, 1960	4½						Blue clay 46; black shale 49. Water at 43.
Con IX	W. Shan	F. Jackson	Mar. 5, 1960	4	10	60	15	"	D	Clay topsoll 2; yellow hardpan 10; blue clay 40; quicksand 50; blue clay 88; gravel 89; black shale 90. Water at 40, 88 and 90.
Con X	N. Blackstock	S.J. Atkinson	Nov. 15, 1961	4	<1		135	"	N	Light sandy loam soil 4; grey clay 12; light blue clay 11½; black shale 128; grey rock 132; soapstone 134; grey rock 135; soapstone 137; grey rock 138. Water at 124.
Con X	"	"	Nov. 21, 1961	4			91	"	"	Light sandy loam soil 2; quicksand 14; light blue clay 11½; black shale 126; grey rock 131; soapstone. Water at 123. Insufficient water.

Yellow clay 12; grey clay 193; hardpan 106; black shale 126; grey limestone 130. Dry hole.

Con X

A. A. Toenders

May 10, 1960

6

4

50

15

D

"

Topsoil yellow clay 11; blue clay 56; hardpan 57; black shale 70. Water from 70 to 75.

Con X

L. Orlet

Nov. 15, 1962

4

4

60

D

"

"

Topsoil 8; blue clay 59; hardpan 60; shale 64. Water at 60.

Con XI

L. Slack

Jun. 22, 1961

4

4

105

D

"

"

Topsoil 14; blue clay 123; gravel 123; limestone 140. Dry hole. Brown clay 10; blue clay 104; black shale 106; hard grey rock 20. Water at 120.

Con XI

G. G. Hussey

Jun. 26, 1962

4

10

65

N

"

"

Topsoil 11; blue clay 89; hardpan 93; limestone 95. Water at 92.

Con XI

L. Rawson

Sep. 29, 1962

4

5

66

D

"

"

Topsoil 11; blue clay 92; hardpan 93; limestone 95. Water at 93.

Con XI

Houllett Bros

Oct. 5, 1962

4

4

90

D

"

"

Topsoil 11; blue clay 58; hardpan 89; limestone 100. Water from 96 to 97.

Con XI

U. Lebert

Nov. 9, 1962

4

15

20

D, S

"

"

Topsoil 11; blue clay 50; shale 55. Dry hole.

Con XI

Dolphin & Earl

May 14, 1963

4 1/2

10

50

D

"

"

Loam 3; yellow clay 15; blue clay 52; black shale 106. Dry hole. Brown clay 10; blue clay 58; black shale 60. Water from 58 to 60.

Con XII

L. Rawson

Dec. 6, 1961

4

4

9

Fresh

"

"

Topsoil 9; blue clay 60; hardpan 62; shale 65. Water at 62.

Con XII

A. A. Heale

Oct. 28, 1960

4

4

34

D, S

"

"

Topsoil yellow clay 16; blue clay 107; hardpan 112; limestone 130. Dry hole.

Con XII

L. Rawson

Aug. 17, 1963

4

4

35

D, S

"

"

Topsoil 11; blue clay 60; hardpan 65; black shale 70. Dry hole.

Con XII

"

Aug. 19, 1963

4

6

54

D, S

"

"

Topsoil 12; blue clay 60; hardpan 63; black shale 67. Dry hole.

Con XII

"

Nov. 27, 1963

4

4

55

D, S

"

"

Topsoil 10; blue clay 65; hardpan 67; black shale 70. Water at 67.

Con XII

"

Nov. 20, 1963

4

4

30

Fresh

"

"

Topsoil 9; blue clay 57; black shale 67. Dry hole.

Con XII

"

Nov. 21, 1963

4

4

50

D

"

"

Topsoil 10; blue clay 58; black shale 63. Dry hole.

Con XII

"

Nov. 25, 1963

4

4

50

D

"

"

Topsoil 10; blue clay 55; hardpan 58; black shale 64. Water at 58.

Con XII

"

May 10, 1963

4

4

140

D

"

"

Topsoil 18; blue clay 128; limestone 140. Dry hole.

Con XII

"

Jun. 3, 1963

4

4

18

D

"

"

Topsoil 12; blue clay 130; limestone 145. Dry hole.

Con XII

"

Aug. 6, 1963

4

4

20

D

"

"

Sand clay 20; clay streaks sand gravel 138; gravel 140; dark rock 203. Dry hole.

Con XII

"

Aug. 12, 1963

4

4

18

D

"

"

Clay sand 20; clay streaks sand 138; gravel 140; dark rock 185. Dry hole.

Con XII

"

Aug. 18, 1963

4

4

20

D

"

"

Sand clay 20; clay streaks sand 140; dark rock 171. Water from 140 to 141.

Con XII

"

Oct. 6, 1960

4

10

55

D

"

"

Gravel 14; blue clay 135; hardpan 137; limestone 139. Water at 137.

Con XII

"

Jun. 26, 1963

4

1

90

D

"

"

Brown clay 10; blue clay streaks gravel 101; black sand 114; black rock 120. Water from 114 to 120.

Con XII

"

Nov. 7, 1962

4

4

12

D

"

"

Topsoil 13; blue clay 64; shale 72. Dry hole.

Con XII

"

Sep. 23, 1961

4

1

70

D

"

"

Topsoil 12; blue clay 68; hardpan 69; shale 82. Water at 69.

Con XII

"

Apr. 7, 1960

6

1

62

D

"

"

Topsoil yellow clay 12; blue clay 62; hardpan 64; black shale 67. Water from 62 to 64.

Con XII

"

Feb. 24, 1961

6

6

24

D

"

"

Topsoil yellow clay 12; blue clay 53; hardpan 54; black shale 60. Dry hole.

Con XII

"

Mar. 1, 1961

6

6

62

D

"

"

Topsoil yellow clay 12; blue clay 54; hardpan 55; black shale 60. Dry hole.

Con XII

"

Mar. 3, 1961

6

6

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ¹	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAWTON COUNTY - cont.										
Enskillen Twp. - cont.										
Con XIII	A. Butler	A.A. Heel	Mar. 4, 1961	6	1 1/2	60	20	Fresh	D	Topsail yellow clay 12; blue clay 54; hardpan 54 1/2; black shale 60. Dry hole.
Con XIII	D. Duncan	"	Jul. 8, 1960	4	10	25	6 1/2	"	D	Topsail yellow clay 12; blue clay 61; hardpan 62; shale 65. Water from 61 to 61 1/2.
Con XIV	O. Brooks	R. Marsh	Jul. 18, 1961	10	10	48	34	"	D	Topsail 1 1/2; blue clay 30; gravel. Water at 30.
Con XIV	W. Johnson	L. Rawson	Oct. 10, 1963	4	4			"	D, S	Topsail 1 1/2; blue clay 53; hardpan 57; black shale 60. Water at 57.
Con XIV	"	"	Oct. 22, 1963	4				"	D	Topsail 8; blue clay 54; hardpan 56; black shale 60. Dry hole.
Con XIV	"	"	Oct. 23, 1963	4				"	D	Topsail 8; blue clay 51; hardpan 55; black shale 58. Dry hole.
Euphemia Twp.										
Con I	G. Bilton	S. Earl	May 25, 1960	8	< 1/2	25	5	Salty	N	Blue clay 25; black shale 54; grey shale 108. Water at 12.
Con I	"	"	Jun. 1, 1960	4				"	D	Blue clay 28; black shale 60; grey shale 72. Dry hole.
Con I	W. Elliot	R. McGaffey	Jun. 30, 1961	7	8	45	42	Sulphur	D	Topsail sand 2; clay 17; blue clay 43; hardpan 44; gravel 45; black shale 70; hard grey rock 77. Water at 43, 50 and 70.
Con I	E. Hartwick	W. Marsh	Nov. 8, 1962	5	15	45	25	"	D	Brown clay 12; blue clay 42; black shale 60; grey rock 90. Water at 46.
Con I	L. Hopper	"	Nov. 14, 1962	5	2	72	35	"	D	Water at 46; blue clay 12; blue clay 42; black shale 63; grey limestone 72. Water at 42.
Con I	W. North	R. Pinsonneault	Dec. 22, 1962	4	3 1/2	41	31	"	D	Topsail 2; yellow clay 18; blue clay 38; shale 51. Water at 48.
Con I	G. Bilton	S. Earl	Jun. 5, 1963	4	8	34	26	Sulphur	N	Clay 3; black shale 53. Water from 34 to 39.
Con I	B. Bell	"	Aug. 6, 1963	4	< 1/2	24	24	"	D	Clay 39; hardpan 42; black shale 69. Water at 42.
Con I	"	"	Aug. 8, 1963	4	< 1/2	27	27	"	N	Clay 37; hardpan 43; black shale 70. Water at 43.
Con I	G. Forsheay	R. McGaffey	Aug. 28, 1961	7	10	30	17	"	D	Topsail clay 2; yellow clay 17; blue clay 43; hardpan 44; gravel 45; hard black shale 68; hard grey rock 77. Water at 44 and 70.
Con II	R. Bilton	S. Earl	May 23, 1960	4	5	45	20	Fresh	D	Clay 3; black sand 9; blue clay 57; sand 60; grey shale 62; black shale 72. Water at 62.
Con II	A. Dykeman	R.W. Simpson	Apr. 25, 1960	4	5	41	38	"	D, S	Topsail 2; yellow clay 9; blue clay 49; loose shale 50. Water at 49.
Con II	G. Armstrong	Weatherstone W. & Williams D.	Nov. 16, 1962	6	10	26	17	"	D, S	Top clay 3; blue clay 41. Water at 41.
Con III	R. Becker	"	Nov. 14, 1962	6	10	28	18	"	D, S	Top clay 5; blue clay 47. Water at 47.
Con III	R. Damphouse	O. Kimball	Oct. 1, 1960	10		23	23	Sulphur	N	Top yellow clay 8; blue clay 42; dark gritty hardpan 43. Water at 43.
Con III	"	"	Oct. 2, 1960	10		22	22	"	N	Yellow clay 8; blue clay 42; dark gritty hardpan 43. Water at 43.
Con III	"	"	Dec. 2, 1963	6	4	27	19	Fresh	D	Top clay 8; blue clay 40. Water at 40.
Con IV	R. Kimball	Williams D.	Nov. 12, 1962	6	10	30	20	"	S	Top clay 6; blue clay 51. Water at 51.
Con V	O.G. Holston	S. Earl	Nov. 5, 1963	4	10	35	16	"	S	Red sand 9; clay 55; hardpan 74; grey shale 83. Water from 79 to 80.
Con V	G. Chambers	E.R. McGaffey	Jun. 9, 1962	4	50	Flows	Flows	"	S	Previously drilled 42; hardpan 45; rock 40. Water at 49.
Con VI	W. Annett	H. McGaffey	Sep. 10, 1961	4	5	16	9	"	D, S	Topsail 2; yellow clay 9; blue clay 57; hardpan 60; coarse gravel 63. Water from 60 to 63.
Con VII	C. Haddae	G.L. McGaffey	Sep. 7, 1962	4	5	25	10	"	D	Top sand 10; blue clay 55; hardpan 67; gravel 69; hard grey rock 78. Water at 69.
Con VIII	M. Stenger	W. Marsh	Jul. 25, 1962	6 1/2				"	N	Sand 15; grey clay 60; hardpan 73; black grey shale 78. Water from 8 to 12.
Con VIII	B. Colman	G.L. McGaffey	Aug. 15, 1962	4	8	15	10	Fresh	D	Top sand 12; clay 67; surface gas hardpan 73; gravel 73; gravel 73.

LAMBTON COUNTY - cont.

Euphemia Twp. - cont.	C. Pargel	S. Earl	Apr. 12, 1961	4	7	22	5	Fresh	D.	Sand 10; clay 73; hardpan 80; grey shale 84. Water at 84.
Con X	H. Kesting	Dolphin & Earl	Jan. 15, 1962	5	10	20	32	"	D ₃	Sand 14; blue clay 71; gravel 72. Water at 72.
Con XIV	F. Christener	W. Marsh	Nov. 2, 1962	5	5	45	35	Sulphur	D ₃	Brown clay 30; blue clay 36; black shale 57; grey rock 60.
Con XIV	"	S. Earl	Jun. 4, 1963	4	< 1/2	42	31	"	D	Sand 4; clay 41; black shale 62; grey shale 84. Water from 41 to 42.
Con XIV	"	"	Nov. 30, 1963	4	5	24	24	Fresh	D	Sand 3; clay 40; hardpan 41; black shale 61. Dry hole.
Con XIV	P. Wolfe	"	Dec. 2, 1963	4	5	14	14	"	D	Sand 10; clay 28; black shale 40. Water at 28.
Con XIV	G. Osborne	"	Jun. 18, 1960	4	5	14	14	Sulphur	D	Clay 2; hardpan 75; black shale 38. Water at 38.
Forest Town	Forest P.U.C.	A.A. Heel	Nov. 6, 1961	8	25	75	75	Fresh	P	Topsoil gravel 12; blue clay 105; black gravel 108; black shale 110. Water at 6, sand from 105 to 108.
Grand Bend Village	Grand Bend	A.A. Heel	Oct. 23, 1960	4	4	18	18	"	T	Sand gravel 15; grey clay 20.
Grand Bend Village	J. McInnis	R. Hudson	Oct. 25, 1960	36	10	24	18	Fresh	P	Sand gravel 14; clay. Dry hole.
Grand Bend Village	M. Vecsi	"	Jun. 14, 1963	36	6	18	16	"	P	Sand 10; gravel 24; blue clay 38. Water at 18.
Kettle Point Indian Reserve	D. Bressette	Dolphin & Earl	Jul. 30, 1962	4	12	20	14	Fresh	D	Sand 9; blue shale 27; grey rock 35. Water at 9 and 27.
Con C	J. Alton	A.A. Heel	Jun. 2, 1960	4	1	45	25	Salty	D	Black soft shale 6; black hard shale 34; limestone 36; grey shale 40; limestone 42; grey shale lime streaks 50. Water from 40 to 42.
Moore Twp.	R. Rankin	D. Wade	Aug. 7, 1962	4	10	70	18	Fresh	D	Yellow clay 4; blue clay 142; hardpan 158. Water at 158.
Con I	H. Lumley	"	Feb. 19, 1960	4	4	18	18	"	D	Yellow clay 10; grey clay 37; blue clay 140; hardpan 14; grey shale 174. Dry hole.
Con III	E. Japp	W. King	Jan. 12, 1962	4	4	18	18	"	D	Loam 1; hard clay 12; blue clay 73; hardpan 75. Dry hole.
Con III	"	"	Jan. 18, 1962	4	4	18	18	"	D	Loam 1; hard brown clay 12; blue clay 75; black shale 92. Dry hole.
Con III	"	"	Jan. 25, 1962	4	4	18	18	"	D	Loam 1; hard brown clay 12; blue clay 75; black shale 92. Dry hole.
Con III	"	"	Dec. 28, 1962	4	4	18	18	"	D	Yellow clay 8; blue clay 75; black shale 92; brown shale. Dry hole.
Con III	"	"	Jan. 4, 1963	4	4	18	18	"	D	Yellow clay 10; blue clay 73; hardpan 75; black shale 90. Dry hole.
Con III	M. Rumbold	D. Wade	May 14, 1963	4	4	18	18	"	D	Yellow clay 12; blue clay 106; hardpan 110; black shale 125. Dry hole.
Con III	"	"	May 29, 1963	4	4	125	23	Fresh	D	Yellow clay 12; blue clay 104; hardpan 108; black shale 125. Water at 114.
Con III	P. Clubb	H.A. Brandon	Jul. 19, 1962	4	5	42	30	"	D ₃	Blue clay 120; boulders sand gravel 138; black shale 141. Water at 140.
Con III	D. Douglas	D. Douglas	Oct. 11, 1963	3	3	40	35	"	D ₃	Top brown clay 10; blue clay 144; black slate 146. Water at 145.
Con III	E. Maw	D. Wade	Aug. 17, 1963	4	3	188	120	"	N	Yellow clay 10; blue clay 125; soft blue clay 140; hardpan 152; grey limestone 160; grey shale 138. Water at 158.
Con IV	E. Pierce	G.G. Hussey	Jun. 18, 1963	4	1 1/2	90	43	"	D ₃	Brown clay 10; blue clay 98; coarse black sand gravel 103. Water from 98 to 103.
Con IV	R. Macdill	D. Wade	Nov. 30, 1963	4	1	117	43	"	D	Yellow clay 8; blue clay 109; hardpan gravel 112; black shale 117. Water at 112.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LAMBERTON COUNTY - cont. Con IV " 13	B. Poland	S.J. Atkinson	Dec. 5, 1962	4	5	95	30	Fresh	D	Loam 2; blue clay 114; gravel 118; black shale 136. Water from 114 to 120.
Con IV " 15	"	"	Oct. 19, 1963	4	1	97	95	Fresh	D	Loam 2; blue clay 121; gravel. Gas.
Con IV " 15	H. Daley	R. Marsh	Oct. 20, 1960	2	1 1/2	132	70	"	D, S	Yellow clay 4; blue clay 117; putty clay 130; shale fine black sand 132. Water at 130.
Con IV " 15	A. Evers	D. Wade	Jul. 26, 1962	4	3	110	90	"	D	Yellow clay 8; blue clay 126; hardpan 130; black shale 137. Water at 130.
Con IV " 16	J. McDonald	W. King	Oct. 31, 1960	4	5	60	60	"	D, S	Loam 2; hard clay 14; blue clay 135; hardpan 140; gravel 141. Water at 140.
Con IV " 16	D. Gray	D. Wade	May 8, 1963	4	5	60	37	"	D, S	Yellow clay 15; blue clay 139; hardpan 145; black shale 153. Water at 145.
Con IV " 19	A. Hayward	H.A. Brandon	Dec. 17, 1961	4	1	283	9	"	D, S	Red clay 2; blue clay 140; broken formation 189; black shale 289. Water at 205.
Con V " 6	Moore Twp. School Area 3	A.A. Heal	Aug. 22, 1963	6						Yellow topsoil 10; blue clay 114; hardpan 115 1/2; black shale 131 1/2. Dry hole.
Con V " 6	"	"	Aug. 26, 1963	6	1/2		75	Fresh	N	Yellow topsoil 10; blue clay 116 1/2; hardpan 118 1/2; black shale 134 1/2. Water at 117.
Con V " 6	"	"	Sep. 7, 1963	6	8	72	66	"	P	Topsoil yellow clay 10; blue clay 111; hardpan 115 1/2; black shale 123. Water from 112 to 115 1/2.
Con V " 7	Bridgen Creamery	D. Wade	Jun. 17, 1961	4	5	125	103	"	In	Yellow clay 15; blue clay 117; sand gravel 118; black shale 136. Water at 118.
Con VI " 16	S.S.#15	"	May 17, 1962	4	4	60	32	"	P	Yellow clay 12; blue clay 129; hardpan 135; black shale 138. Water at 135.
Con VI " 22	S.S.# 12	H.A. Brandon	Sep. 4, 1960	4	1	60	37	"	P	Blue clay 85; hardpan 87; blue clay 118; gravel 120; black shale 121; black sand 124; black shale 151. Water from 124 to 151.
Con VII " 10	A. McBean	D. Wade	Feb. 14, 1962	4	14	35	29	"	S	Yellow clay 20; grey clay 113; sand gravel 115; black shale 125. Water at 123.
Con VII " 15	Kimball Ladies Institute	R. Marsh	Jun. 30, 1960	4	3	60	31	"	P	Grey clay 5; blue clay 132; hard gritty clay 137 1/2; sand 138. Water at 138.
Con VII " 22	R. Trapp	S.J. Atkinson	Apr. 6, 1962	4	10	40	40	"	D, S	Topsoil 2; grey clay 126 1/2; fine sand black shale 128; coarse black shale 134; hard grey limestone. Water at 126 1/2.
Con VII " 26	A. Bognart	D. Wade	Oct. 17, 1963	4						Yellow clay 8; grey clay 160; sand 169; grey shale 182. Dry hole.
Con VII " 26	"	"	Oct. 23, 1963	4						Yellow clay 10; blue stony clay 157; hardpan 165; grey shale 182. Dry hole.
Con VII " 26	"	"	Oct. 31, 1963	4	1	80	38	Fresh	D, S	Yellow clay 12; blue clay 156; sand gravel 158. Water at 158.
Con VIII " 15	C. Druitt	S.J. Atkinson	Oct. 26, 1963	4	5	90	92	"	D	Topsoil 2; yellow clay 18; blue clay 128; hardpan 130; gravel shale 134; gas. Water at 131.
Con VIII " 26	J. Richmond	"	Nov. 12, 1962	4	5	33	33	"	S	Old well 150; black shale 170. Water at 165.
Con IX " 8	School	H.A. Brandon	Nov. 17, 1960	4	5	60	30	"	P	Clay loam 6; blue clay 74; gravel grey sand 79; blue clay 129; black sand gravel 131; black shale 138. Water at 131 1/2.
Con IX " 14	E.& D. White	A.A. Heal	Jun. 18, 1962	4	6	48	44	"	D	Topsoil yellow clay 11; blue clay 131; hardpan 133; black shale 133 1/2. Water from 131 to 133.
Con IX " 15	D. White	H.A. Brandon	Aug. 25, 1960	4	75	40	40	"	D, S	Red clay 28; blue clay 131; shale 140. Water from 134 to 140.
Con X " 7	W. Seermullen	A.A. Heal	May 14, 1963	6	5	43	43	"	D, S	Yellow topsoil 15; blue clay 132; hardpan 135; black shale 139; limestone 142. Water at 139 1/2.
Con X " 9	S.P. Goodfellow	H.A. Brandon	Nov. 11, 1960	4	1 1/2	40	30	"	In	Red clay 6; blue clay 132; gravel 135; black sand 136; black shale 242. Water at 136 1/2.
Con X " 13	J. Abra	L. Bowen	May 14, 1962	4	5	90	44	"	D	Topsoil 12; blue clay 145; shale 160. Water at 145.
Con X " 13	"	"	May 31, 1963	4	3	115	49	"	D	Topsoil 12; blue clay 143; hardpan 144; black shale 150. Water at 144 1/2.
			Apr. 20, 1966	4	75	52	55	"	D, S	Red clay 24; blue clay 147; black shale 165. Water from 147 to 165.

LAMBTON COUNTY - cont.

Moore Twp. - cont.	lot 27	H. Seward	D. Wade	Mar. 4, 1961	3	3	98	98	Fresh	D, S	Clay sand 16; blue clay 14; sand 145; hardpan 148. Water at 148. Gas at 145.
On XI	" 7	G. Menley	A.A. Heal	Jun. 25, 1962	4	5	38	37	"	D	Topsoil yellow clay 14; blue clay 135; hardpan black gravel 136; black shale 137. Water from 135 to 137.
On XI	" 13	E. Hayes	L. Rawson	Oct. 19, 1961	4						Topsoil 14; blue clay 148; black shale 162. Dry hole.
On XI	" 13	"	"	Oct. 26, 1961	4						Topsoil 15; blue clay 110; quicksand 120; blue clay 148; black shale 158. Dry hole.
On XI	" 13	"	"	Nov. 9, 1961	4	5	110	110	Fresh	D	Topsoil 10; blue clay 148; black shale 180. Water from 158 to 180.
On XI	" 22	T. McLaughlin	D. Wade	May 6, 1960	4	2	67	67	"	D, S	Clay sand 15; blue clay 128; hardpan 135; black shale 145. Water at 135.
On XI	" 22	J. McLaughlin	"	Nov. 15, 1963	4						Yellow clay 16; grey clay 47; blue clay 133; hardpan 135; black shale 144. Dry hole.
On XI	" 22	"	"	Dec. 21, 1963	4						Yellow clay 12; blue clay 135; black shale 138. Dry hole.
On XI	" 24	F. McLaughlin	"	Jan. 20, 1960	3	5	65	42	Fresh	D, S	Yellow clay 12; blue clay 146; sand 147; black shale. Water at 147. 147
On XI	" 25	A. Parker	"	Jun. 14, 1962	4	5	70	65	"	S	Yellow clay 16; grey clay 152; hardpan 156; black shale 162. Water at 153.
PC	" 20	W. Wark	"	Oct. 11, 1963	4						Quicksand 15; grey clay 65; grey clay gravel 139; hardpan 143; grey shale 150. Dry hole.
PC	" 20	"	"	Oct. 12, 1963	7	4	15	9	"	D	Sand 4; quicksand 15; gravel. Water at 15.
PC	" 22	A. Waybrent	E.A. Brandon	Nov. 8, 1960	4	1 1/2	95	30	"	D	Red clay 8; blue clay 163; gravel 167; beach sand 172; shale 230. Water at 172.
PC	" 33	A. Clydsdale	D. Wade	Nov. 2, 1962	4						Sand 12; blue clay 128; sand 160. Dry hole.
PC	" 33	"	"	Nov. 13, 1962	4	5	25	20	Fresh	D	Dark clay 3; yellow clay 12; blue clay 128; sand 160. Water at 147 and 155.
PC	" 34	R. Lennan	"	Oct. 11, 1962	4						Yellow clay 12; blue clay 117; hardpan 197; blue clay 200. Dry hole.
PC	" 34	Y. Odger	"	Oct. 23, 1962	4						Sand 12; blue clay 139; hardpan 204. Dry hole.
PC	" 34	"	"	Oct. 27, 1962	4	4	75	30	Fresh	D	Sand gravel 12; blue clay 142; hardpan 160. Water at 145.
PC	" 36	J. Noyle	"	Aug. 18, 1960	3	3	70	50	"	D	Yellow clay 15; blue clay 135; sand gravel 148; gravel. Water at 144.
PC	" 36	A. Long	S.J. Atkinson	May. 9, 1962	4	5	70	70	"	D	Yellow clay 15; blue clay 138; gravel 163; soapstone 168; gravel 170. Water from 138 to 163.
PC	" 36	A. Jackman	D. Wade	Apr. 2, 1963	4	5	58	58	"	D	Yellow clay 20; grey clay 136; sand gravel 164. Water from 148 to 160.
PC	" 37	Moore Twp. School Area	A.A. Heal	Apr. 1, 1963	4	8	56	54	"	P	Topsoil yellow clay 18; blue clay 154; muddy sand gravel 160; clay sand gravel boulders 226; clean sand gravel 234. Water from 226 to 234.
PC	" 39	L. Short	D. Wade	Jun. 4, 1963	4						Yellow clay 15; blue clay 134; hardpan 140; blue shale gravel 160; grey shale 167. Dry hole.
PC	" 43	G. Murray	"	Jul. 10, 1963	4						Yellow clay 12; grey clay 156; hardpan 191; grey shale 195. Dry hole.
PC	" 52	N. Eastwood	"	Oct. 5, 1961	4	7	75	60	Fresh	D	Yellow clay 16; blue clay 145; sand gravel 151; black shale 166. Water at 151.
Petrolia Twp.		G. Knox	E.B. Hussey	Oct. 1, 1960	4	1 1/2	115	22	Fresh	N	Yellow clay 16; blue clay 85; hard grey rock 115. Water at 85.
Petrolia Twp.		"	"	Oct. 4, 1960	4	7 1/2	70	23	"	C	Yellow clay 16; blue clay 79; hardpan black shale 83. Water from 82 to 83.
Plympton Twp.	lot 4	R. Dobbin	L. Rawson	Jan. 13, 1961	4		173	140	Fresh	N	Topsoil 3; sand 9; blue clay 161; limestone 173. Water at 170.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1960

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCH	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Plympton Twp. - cont.										
Con I	R. Dobbin	L. Rawson	Jan. 29, 1961	4	12	40	15	Fresh	D, S	Topsoil 3; sand gravel 14; blue clay 161; limestone 170. Water at 165.
Con I	R. Smith	"	Oct. 21, 1960	4 1/2	10	50	24	"	D, S	Topsoil 10; blue clay 71; hardpan 72; black shale 74. Water at 72.
Con I	A. Lebert	Dolphin & Earl	Jul. 1, 1963	4	1	73	5	"	D	Yellow clay 10; blue clay 65; hardpan gravel 66; black brown shale 81. Water at 66.
Con III	P. Loerts	L. Rawson	Dec. 2, 1961	4	5	70	20	Sulphur	S	Topsoil 14; blue clay 85; gravel 105; blue clay 154; hardpan 158; limestone 168. Water at 158.
Con IV	A. McEwen	A.A. Heal	Mar. 25, 1961	4	4	78	27	Fresh	D	Topsoil yellow clay 14; blue clay 112; hardpan 113; black shale 117. Water at 113.
Con IV	R. Minnelly	"	Feb. 14, 1962	4	2	120	27	"	D, S	Topsoil yellow clay 14; blue clay 61; muddy sand gravel 62; clay 114; hardpan 116; rock black shale 121. Water at 116.
Con IV	"	"	Sep. 10, 1962	4	4	47	27	"	D, S	Old bored well 70; blue clay 114; hardpan 116; black shale 122. Water from 117 to 118.
Con IV	J. Huybers	"	Apr. 8, 1963	4	4	35	22	"	D, S	Yellow topsoil 16; blue clay 101; black sand 105; black shale 109. Water from 101 to 105.
Con IV	K. Minnelly	"	Jul. 5, 1962	4						Yellow topsoil 15; sandy clay 17; blue clay 78; muddy hardpan 82; rock black shale 85. Dry hole.
Con IV	"	"	Jul. 6, 1962	4						Yellow topsoil 15; blue clay 75; muddy hardpan 81; rock black shale 85. Dry hole.
Con IV	"	"	Sep. 6, 1962	4	3	60	35	Fresh	D, S	Yellow topsoil 15; blue clay 77; muddy hardpan 83; sand 84; black shale 108. Water at 83.
Con V	E. Dawson	L. Rawson	Oct. 17, 1962	4						Topsoil 11; blue clay 122; black shale 130. Dry hole.
Con V	"	"	Oct. 22, 1962	4						Topsoil 11; blue clay 120; shale 125. Dry hole.
Con V	G. Hart	A.A. Heal	Sep. 18, 1962	4	4	30	25	Fresh	D, S	Yellow topsoil 16; blue clay 101; sand 104; blue clay 107. Water at 101.
Con V	R. Williamson	"	Mar. 18, 1961	4						Topsoil yellow clay 14; blue clay 78; hardpan 83; black shale 102. Dry hole.
Con V	"	"	Mar. 21, 1961	4	< 1/2		35	Fresh	N	Topsoil yellow clay 14; blue clay 73; hardpan 79; black shale 85. Water from 73 to 79.
Con VI	E. Campbell	D. Wade	Apr. 10, 1962	4						Clay stones 12; grey clay 106; blue clay sand 112; black shale 124. Dry hole.
Con VI	"	"	Apr. 13, 1962	4	1	126	20	Fresh	D	Sand clay stones 12; grey clay 106; blue clay sand 112; black shale 126. Water at 118.
Con VI	"	"	Apr. 15, 1963	4	3	70	40	"	D	Yellow topsoil 16; blue clay 94; gritty clay 109; muddy hardpan 110; sand 111; black shale 122. Water from 109 to 111.
Con VII	H. Jackson	A.A. Heal	Jul. 8, 1961	4	2	120	63	"	D	Topsoil 12; blue clay 11; hard streaks clay 116; soft clay 117; hard black shale 123. Water at 117.
Con VII	"	"	Jul. 17, 1961	4	1/2	116	63	"	D	Topsoil yellow clay 12; blue clay 109; hard streak 111; blue clay 116; hardpan 118; black shale 123. Water at 117.
Con VII	"	"	Jul. 24, 1961	4						Topsoil yellow clay 12; blue clay 117; hardpan 118; black shale 128. Dry hole.
Con VII	"	"	Jul. 28, 1961	4	1 1/2	120	63	Fresh	D	Topsoil yellow clay 12; blue clay 110; hard dark clay 115; soft blue clay 117; hardpan 117; black shale 122. Water from 117 to 117 1/2.
Con VII	A. Brouwer	"	Feb. 19, 1963	4	4	30	13	"	D, S	Yellow topsoil 15; blue clay 55; gravel 59; blue clay 60 1/2. Water from 57 to 59.
Con VIII	A. Donkers	"	Oct. 6, 1961	4	5	32	22	"	D	Topsoil yellow clay 12; blue clay 100; black sand 101; black shale 103. Water from 100 to 101.
Con VIII	B. Jardine	"	Oct. 9, 1962	4	4	15	14	"	D, S	Topsoil yellow clay 15; blue clay 75; hardpan 83; dark rock 84. Water at 80.
Con VIII	"	"	Dec. 16, 1961	4						Topsoil yellow clay 15; blue clay 72; hardpan 76; black shale 83.

Con VIII	Con VIII	A. Verhoeven	A.A. Heel	Dec. 20, 1961	4	2	75 55	12	Fresh	D, S	Topsoil yellow clay 15; blue clay 75; hardpan 76; rock black shale 80. Water from 75 1/2 to 76 1/2.
Con VIII	" 30	J. Venos	"	Aug. 10, 1961	4	3	55	27	"	D, S	Topsoil yellow clay 14; blue clay 54; gravel 55; gravelly clay 60. Water at 54.
Con IX	" 2	J. Kozachuk	P. Jackson	Aug. 21, 1962	4	5	80	40	"	D	Clay loam 3; yellow brown hardpan 14; blue clay 105; black shale 119. Water at 107.
Con IX	" 15	J. Symington	A.A. Heel	Apr. 26, 1960	4	5	30	15 1/2	"	D	Topsoil yellow clay 15; blue clay 82; hardpan 84; black shale 87. Water from 82 to 84.
Con IX	" 23	R. Ramsay	"	Mar. 29, 1961	4	5	25	22	"	D	Topsoil sand 13; blue clay 103; hardpan 111. Water from 108 to 111.
Con IX	" 30	J. Boere	"	May 10, 1961	4	2 1/2	58	24 1/2	"	D	Topsoil yellow clay 15; blue clay 58; sand 60; blue clay 62. Water from 58 to 60.
Con X	" 9	C. Symington	P. Jackson	Oct. 4, 1961	4	2	122	28	"	D	Sandy loam 2; yellow clay grit 12; blue clay 100; blue clay grit 110; black rock 122. Water at 110.
Con X	" 9	"	"	Oct. 7, 1961	4				"		Sandy loam 3; yellow clay 12; blue clay 100; blue clay dark grit 110; black shale 122. Dry hole.
Con XI	" 12	R. Patterson	P. Randle	Jun. 11, 1961	4	8	45	35	Fresh	D, S	Clay 99; gravel 100; grey rock 101. Water at 99.
Con XI	" 18	Public School Area	A.A. Heel	Jul. 27, 1962	6	15	17	13	"	F	Yellow topsoil 15; blue clay 69; hardpan 70; dark rock 70. Water at 69.
Con XI	" 19	S. Shortt	"	Jul. 17, 1961	4	5	16	14	"	D, S	Yellow topsoil 14; blue clay 87; hardpan 89; grey rock 93. Water at 87.
Con XII	" 14	L. Robinson	"	Mar. 18, 1960	4	4	80	38	"	D	Topsoil yellow clay 14; blue clay 79; gravel clay 83; hardpan 86; black shale 87. Water from 83 to 86 1/2.
Con XIII	" 15	B. Douglas	"	Sep. 13, 1963	4	3	90	74	"	N	Topsoil yellow clay 15; blue clay 82; hardpan 84; black shale 91. Water from 83 to 84.
Con XIII	" 15	"	"	Sep. 21, 1963	4	3	48	31	"	D	Topsoil yellow clay 15; blue clay 82; hardpan 85; black shale 100. Water from 83 to 85.
Con XV	" 28	Stanton Bros.	"	Feb. 1, 1960	4	6	43	39	"	S	Topsoil yellow clay 15; blue clay 32; boulders gravel 37; blue clay 84; hardpan 90; black shale 93 1/2. Water from 89 1/2 to 90 1/2.
LHP	" 20	W. Arnt	L. Rawson	Jul. 15, 1960	4	12	40	36	"	D	Topsoil 11; blue clay 105; hardpan 107; black shale 109. Water at 107.
LHP	" 23	H.D. Druett	A.A. Heel	Sep. 29, 1962	4	1 1/2	120	28	"	N	Yellow topsoil 14; blue clay 97; sand 99; black shale 126. Water at 99.
LHP	" 23	"	"	Oct. 3, 1962	4	1 1/2	106	28	"	M	Yellow topsoil 14; blue clay 99; hardpan 99 1/2; black shale 107. Water at 99 1/2.
LHP	" 24	C. Strangway	"	Apr. 3, 1961	4			40	"	N	Topsoil yellow clay 14; blue clay 90; gravel clay 96; fine muddy sand 98; black shale 102. Water from 96 to 98.
LHP	" 24	"	"	Apr. 12, 1961	4	5	60	41	"	D	Topsoil yellow clay 14; blue clay 92; gravel clay 96; muddy sand 102; black shale 118. Water from 96 to 102.
LHP	" 24	A. Hinzinger	"	May 30, 1962	4	1	110	39	"	D	Yellow topsoil 15; blue clay 93; hardpan 96 1/2; black shale 112. Water at 96 1/2.
LHP	" 24	H.O. Dexter	"	Jul. 14, 1962				40	"	N	Yellow topsoil 14; blue clay 93; gritty clay 98; very fine dirty sand 102; black shale 105. Water from 100 to 102.
LHP	" 24	"	"	Jul. 19, 1962	4	1	104	40	"	D	Yellow topsoil 14; blue clay 90; gritty clay 98; sand mud 101; rock 104. Water at 99.
LHP	" 26	W.C.P. Ballwin	"	Jul. 6, 1961	4	1	96	44	"	N	Topsoil yellow clay 15; blue clay 94; hardpan 97; black shale 107 1/2. Water from 94 to 97.
LHP	" 26	"	"	Jul. 11, 1961	4	1 1/2	98	44	"	D	Topsoil fill yellow clay 15; blue clay 94; hardpan 97; black shale 107. Water from 94 to 97.
LHP	" 31	J. Schonnjans	"	Sep. 28, 1963	4	3	63	62	"	D	Fill 2; topsoil yellow clay 14; blue clay 75; hard blue clay 99; hardpan 103; black shale 104. Water from 100 to 103.
LHP	" 39	D. Mitchell	L. Rawson	Aug. 16, 1961	4	10	60	55	"	D	Topsoil 10; blue clay 92; hardpan 102; black shale 104. Water at 102.
LHP	" 39	R. Salk	"	Jul. 25, 1962	4	6	60	57	"	D	Topsoil 12; blue clay 100; hardpan 103; shale 104. Water at 103.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERTON COUNTY - cont. Plympton Twp. - cont. LHP Lot 44	W. Gauld	A.A. Heal	May 23, 1962	4	2 1/2	73	59	Fresh	D	Topsoil yellow clay 14; blue clay 79; hardpan 83; black gravel 92 1/2; black shale 94 1/2. Water from 83 to 86 and at 92.
LHP "	C. Rodgers	"	Dec. 30, 1963	4	4	50	50	"	D	Yellow topsoil 15; blue clay 78; hardpan 82 1/2; black shale 85. Water from 79 to 82 1/2.
LHP "	N.C. Downs	"	May 21, 1960	4	5	72	62	"	D	Topsoil yellow clay 15; blue clay 79; gritty clay 89; hardpan 92; black shale 95 1/2. Water from 89 to 92.
LHP "	R.J. Willson	"	Jul. 11, 1963	4	4	64	64	"	D	Yellow topsoil 16; blue clay 76; gritty clay 80; hardpan 93; black shale 98. Water from 86 to 93.
LHP "	P. Richardson	"	Jun. 13, 1960	4	4	71	62	"	D	Topsoil yellow clay 15; blue clay 71; gritty clay 81; hardpan 94. Water from 82 to 93.
LHP "	G. Ruth	L. Rawson	Aug. 24, 1961	4	9	68	60	"	D	Topsoil 11; blue clay 70; gravel sand 89; shale 95. Water from 89 to 95.
LHP "	G.R. Griffith	A.A. Heal	May 29, 1963	4	1	87	64	"	D	Yellow topsoil 14; blue clay 74; hardpan 84; black shale 87. Water from 83 to 84.
LHP "	H. Moore	"	May 31, 1963	4						Yellow topsoil 15; blue clay 72; gritty clay 82; coarse sand 83; black shale 96. Dry hole.
LHP "	"	"	Jun. 5, 1963	4						Yellow topsoil 15; blue clay 81 1/2; hardpan 83; black shale 88. Dry hole.
LHP "	H. Allardins	"	Jun. 11, 1963	4	4	66	64	Fresh	D	Yellow topsoil 15; blue clay 84; hardpan 87; loose black shale 89. Water from 85 to 87.
LHP "	H. Moore	"	Jun. 14, 1963	4						Yellow topsoil 16; blue clay 81; hardpan 86; black shale 97. Dry hole.
LHP "	"	"	Jun. 17, 1963	4	3	75	64	Fresh	D	Yellow topsoil 16; blue clay 91; hardpan 85; black shale 86. Water from 83 to 85.
LHP "	P. Chalmers	"	Jul. 3, 1963	4 1/2	4 1/2	62	62	Salty	N	Yellow topsoil 16; blue clay 80; hardpan 89; black shale 115. Water at 114.
LHP "	"	"	Jul. 8, 1963	4	1	61	61	Fresh	D	Yellow topsoil 16; blue clay 81; hardpan 88; black shale 91. Water from 87 to 88.
LHP "	W. Cairns	"	Jul. 7, 1960	5	3	63	59	"	D	Topsoil yellow clay 12; blue clay 78; hardpan 83; soft black shale 83. Water from 82 to 83.
LHP "	W. Wheelton	"	Nov. 25, 1961	4	4	64	61	"	D	Topsoil yellow clay 14; blue clay 78; black gravel 91 1/2; black shale 83. Water from 78 to 81 1/2.
LHP "	H.W. Oates	"	Jul. 23, 1962	4	4	60	58	"	D	Topsoil yellow clay 15; blue clay 74; hardpan 82 1/2; black shale 87 1/2. Water at 74.
LHP "	H. Herrington	"	Nov. 11, 1961	4	2 1/2	80	58 1/2	"	D	Topsoil yellow clay 15; blue clay 78; black gravel 81; black shale 83. Water from 78 to 81.
LHP "	P.V. Leonard	"	May 3, 1963	4	4 1/2	75	60	"	N	Yellow clay topsoil 15; blue clay 60; hardpan 75; black gravel 82 1/2; black shale 88. Water from 75 to 82.
LHP "	"	"	May 8, 1963	4	1 1/2	90	60	"	D	Topsoil yellow clay 15; blue clay 60; hardpan 75; black gravel 82; black grey shale 85; black shale 100. Water at 82.
LHP "	W. Forsyth	"	May 24, 1962	6	6	10	9	"	D	Sand 5; yellow clay 8; blue clay 12; hardpan 16; black shale 16 1/2. Water at 16 1/2.
LHP "	L. Acton	"	May 29, 1963	4	2	20	19	"	D	Yellow clay 10; blue clay 25; black gravel loose black shale 35. Water from 29 to 32.
Sarnia Twp. Block A	B. Atkins	D. Wade	Nov. 4, 1960	4	5	65	30	Fresh	D	Yellow clay 16; grey clay 12; hardpan 125; black shale 126. Water at 125.
Block B	Star Top Drive in Theatre	S.J. Atkinson	Jan. 25, 1960	6	3	15	15	"	P	Previously drilled 125; black shale 140. Water at 130.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAWREN COUNTY - cont.										
Sarnia Twp. - cont. Con VII lot 8	Greenwood Golf & Country Club	F.W. Jackson	Jul. 18, 1963	6	1	150	35	Fresh	P	Hardpan stone 14; blue clay 138; limestone 153. Water at 145.
Con VII " 8	"	"	Sep. 19, 1963	4	2		30	"	N	Hardpan 14; blue clay 138; limestone 153. Water at 145.
Con VII " 8	"	"	Sep. 21, 1963	4				"	"	Hardpan 12; blue clay 120; limestone 142. Dry hole.
Con VII " 8	"	"	Sep. 26, 1963	6	20	84	30	Fresh	Ir	Hardpan 10; blue clay 129; limestone 144. Water from 130 to 133.
Con VII " 11	A. Pearson	"	Oct. 3, 1963	4						Topsoil 2; sand hardpan 15; blue clay 152; limestone 167. Dry hole.
Con VII " 11	"	"	Oct. 5, 1963	4	1	166	25	Fresh	P	Clay topsoil 2; hardpan 14; blue clay 151; limestone 166. Water at 151.
Con VII " 13	J. Huttig	S.J. Atkinson	Nov. 7, 1962	4						Sand 5; clay 110; shale gravel 120; clay 125; rock 140; soapstone 150. Dry hole.
Con VII " 15	P. Hunter	F.W. Jackson	Sep. 27, 1960	4	1	115	21	Fresh	D	Black muck 1; marl 8; sand gravel 12; sand 35; gravel 36; sand gas 70; blue clay 100; black shale 126. Water at 12, 35 and 106.
Con VII " 15	G. Gowdie	L. Rawson	Sep. 2, 1961	4	10	42	23	"	D	Topsoil 10; blue clay 100; hardpan 108; shale 112. Water at 108.
Con VII " 15	W. McChullough	"	Sep. 6, 1961	4	10	42	25	"	D	Topsoil 10; blue clay 100; hardpan 100; shale 110. Water at 106.
Con VII " 15	W. Petryszyn	F.W. Jackson	Jan. 3, 1962	4	6	100	25	"	D	Black muck 2; clay sand 10; sand 16; blackish clay sand 30; blue clay sand 60; blue clay 106; black rock 112. Water at 111.
Con VII " 15	H. Pedersen	"	Jul. 19, 1963	4	12	40	27	"	D	Fill muck 10; sand 20; blue clay 60; sand 90; clay grit 106; black rock 115. Water at 108.
Con VII " 17	D. Deboer	"	Sep. 14, 1963	4	4	100	23	"	D	Marl 3; hardpan 12; blue clay 106; black rock 111. Water at 107.
Con VII " 3	W.W. Mitchell	"	Sep. 22, 1960	4	8	90	14	"	D	Clay loam 1; yellow clay 15; blue clay 118; black shale 113.
Con VIII " 4	G. Lewis	"	Oct. 5, 1960	4						Water at 110 and 112.
Con VIII " 4	"	"								Clay loam 2; yellow clay 15; blue clay 104; black shale 110. Dry hole.
Con VIII " 4	"	"								Darkish clay loam 2; yellow clay 12; blue clay 100; gravel clay 104; black shale 110. Water from 104 to 105.
Con VIII " 8	M. Jackson	"	Oct. 8, 1960	4	5	60	22	Fresh	D	Clay loam 2; hardpan 12; blue clay 125; limestone 140. Water at 135.
Con VIII " 8	D. Jackson	"	Aug. 10, 1962	4	10	123	117	"	D	Clay topsoil 2; hardpan 12; blue clay 123; limestone 140. Dry hole.
Con VIII " 8	"	"	May 28, 1963	5						Clay topsoil 2; hardpan 12; blue clay 123; limestone 140. Water at 135.
Con VIII " 8	"	"	Jun. 1, 1963	5	1	140	95	Fresh	D	Clay topsoil 2; hardpan 12; blue clay 123; limestone 140. Water at 135.
Con VIII " 11	Great Lakes Air Service Ltd.	L. Rawson	May 18, 1963	4						Topsoil 12; blue clay 140; hardpan 147; shale 150. Dry hole.
Con VIII " 12	R.P. Collins	"	Mar. 30, 1962	4						Gas at 147.
Con IX " 1	F.W. Verbeek	F.W. Jackson	Oct. 27, 1961	4						Topsoil 11; blue clay 123; shale 140. Dry hole.
Con IX " 1	"	"	Oct. 31, 1961	4	2		23	Fresh	N	Black clay loam 3; yellow hardpan 12; blue clay 106; black sand gravel 107; black shale 119. Dry hole.
Con IX " 1	"	"	Nov. 2, 1961	4	3	111	23	"	D	Black loam 2; yellow clay 12; blue clay 105; black sand 107; black rock 119. Water from 105 to 107.
Con IX " 1	"	"								Clay loam 2; yellow clay hardpan 12; blue clay 105; gravel loose rock 108; black rock 111. Water at 108.
Con IX " 1	O. Akerboom	L. Rawson	Jul. 4, 1962	4						Topsoil 11; blue clay 100; black shale 110. Dry hole.
Con IX " 1	F. Verbeek	F.W. Jackson	Jul. 7, 1962	4						Topsoil 11; blue clay 99; shale 115. Dry hole.
Con IX " 17	Consoler Father of Cretaceous Chrisko Const. Co.	"	Dec. 13, 1962	4	8	100	23	Fresh	D	Clay loam 2; yellow brown hardpan 12; blue clay grit 105; black shale 115. Water at 105.
Con IX " 18	"	"	Jun. 11, 1963	5	16	30	15	"	D	Sand 15; clay 118; gravel 120; black shale 125. Water at 118.
Con IX " 18	"	"	Mar. 30, 1960	4	10	20	5	"	D	Black loam 2; sand 3; yellow clay 15; blue clay 117; shale gravel 118; black shale 121. Water at 117.

Con V	lot D	O. Bumpus	D. Wade	Apr. 22, 1961	3	3	8	8	Fresh	D	Sand 3; grey clay 141; hardpan 166; dark shale 175. Dry hole.
Con V	"	B. Priemore	"	Apr. 10, 1961	3	3	18	18	"	D	Sand 6; grey clay 141; hardpan 148; gravel 150. Water at 150.
Con V	"	B. Mahoney	"	May 5, 1961	3	5				D	Yellow clay 10; grey clay 142; sand 144; gravel 148; hardpan 183; grey shale 187; black shale 200. Water at 145.
Con V	"	F. McMullen	H. McDonald	Jun. 3, 1961	4						Topsoil 2; brown clay 10; blue clay 130; gravel 131; brown sand rocks 133. Dry hole.
Con V	"	E. Gurcher	D. Wade	Aug. 27, 1963	4	5	35	12	Fresh	D	Yellow clay 8; blue clay 56; hardpan 59; black shale 62. Water at 61.
Con V	"	G. Lane	H. McDonald	Oct. 5, 1961	4	7	18	15	"	D, S	Topsoil 2; brown clay 12; blue clay 66; gravel 67; black shale 70. Water at 66.
Con V	"	W. Allafra	D. Wade	Aug. 7, 1961	4						Yellow clay 12; blue clay 74; sand gravel 84; grey shale 121. Dry hole.
Con V	"	W. McKelg	"	Jul. 9, 1961	4	2	23	12	Fresh	D, S	Yellow clay 15; blue clay 70; sand 78; grey shale 82. Water at 78.
Con VI	"	W. Wesley	"	May 12, 1961	3						Yellow clay 121; grey clay 142; hardpan 158; black shale 176; grey shale 188. Dry hole.
Con VI	"	"	"	Jul. 16, 1962	3						Sand 12; blue clay 145; hardpan 152; black shale 175; grey shale 180. Dry hole.
Con VI	"	"	"	Jul. 19, 1962	3						Sand 6; blue clay 143; gas muck 143; hardpan 173; grey shale 176. Dry hole.
Con VI	"	G. Reid	V. Conlon & Son	Apr. 8, 1963	3	3	24	19	Fresh	D	Topsoil 2; brown clay 7; blue clay 108; fine sand 110; gravel 111. Water from 109 to 111.
Con VI	"	F. Sterling	D. Wade	Aug. 3, 1961	4						Yellow clay 12; blue clay 75; hardpan 78; black shale 94. Dry hole.
Con VI	"	H. Sterling	D.A. Douglas	Aug. 2, 1961	3						Blue clay 78; shale 129. Dry hole.
Con VI	"	"	"	Aug. 16, 1961	3						Blue clay 78; shale 93. Dry hole.
Con VI	"	F. Sterling	D. Wade	Sep. 3, 1962	4	1	60	11	Fresh	D	Yellow clay 12; blue clay 75; hardpan 78; black shale 83. Water at 78.
Con VII	"	H. Johnston	V. Conlon & Son	Oct. 8, 1963	2						Topsoil 2; yellow clay 10; blue clay 131; fine sand 140; fine sand gravel silt 155; clay 160; fine sand 171. Dry hole.
Con VII	"	"	"	Nov. 8, 1963	2	1 1/2	50	16	Fresh	D, S	Topsoil 2; yellow clay 10; blue clay 145; fine grey sand 150; fine sand gravel 151. Water at 151.
Con VII	"	G. Trella	D. Wade	Oct. 31, 1960	4	3	38	17	"	D, S	Sand 2; yellow clay 12; grey clay 25; blue clay 134; hardpan 139; grey shale 145. Water at 139.
Con VIII	"	P. McGrail	V. Conlon & Son	Dec. 3, 1962	2						Topsoil 2; blue clay 147; fine grey sand 157; fine dark sand 182; black shale 186. Dry hole.
Con VIII	"	"	"	Apr. 29, 1963	2	3	32	16	Fresh	S	Topsoil 2; blue clay 147; fine grey sand 152; fine gravel 153. Water from 147 to 153.
Con VIII	"	H. VanBoven	D. Wade	Jul. 20, 1960	4			22	"	N	Yellow clay 10; grey clay stone 146; hardpan 174; black shale 180. Water at 156.
Con VIII	"	"	"	Oct. 7, 1960	4						Yellow clay stones 10; grey clay stones 146; hardpan 170. Dry hole.
Con VIII	"	"	"	Oct. 14, 1960	4	1	80	31	Salty	D, S	Dark clay gravel 2; yellow clay 8; grey clay 147; hardpan 176; black shale 185. Water at 179.
Con VIII	"	"	V. Conlon & Son	Jul. 14, 1962	2						Topsoil 2; blue clay 147; fine grey sand 172. Dry hole.
Con IX	"	H. Glaster	"	Oct. 12, 1960	2						Blue clay 142; hardpan 182; gritty sand 183; hard packed fine sand 210. Dry hole.
Con IX	"	C. Grant	"	May 7, 1962	2	4	35	24	Fresh	D, S	Topsoil 2; hard dark clay 6; hard blue clay 20; soft blue clay 128; fine dark sand 130; fine gravel sand 132. Water at 130.
Con IX	"	J. Hetherington	D. Wade	Oct. 6, 1960	4	16	30	30	"	D	Yellow clay 12; blue clay 65; grey clay 121; hardpan 127; black shale 136. Water at 135.
Con IX	"	E. Toles	H. McDonald	Sep. 5, 1963	4	7	40	32	"	D, S	Topsoil 2; brown clay 18; blue clay 116; gravel 118; black shale 120. Water at 116.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMBERT COUNTY - cont. Sombra Twp. - cont. Con IX	R. Winters	H. McDonald	Jul. 29, 1961	4	8	45	31	Fresh	S	Topsoil 2; brown clay 22; blue clay 101; gravel 103; black shale 105. Water at 101.
" C	R. Jardone	D. Wade	Jun. 6, 1961	4	1	170	15	Salty	D	Yellow clay 20; grey clay 133; sand 151; shale 193; grey limestone grey shale. Water at 160.
" C	N. Montgomery	"	Sep. 18, 1961	4						Yellow clay 15; blue clay 122; blue clay gravel 128; blue clay 147; hardpan 158; grey shale 199; black shale 246. Dry hole.
" 11	E. Dramnitzke	V. Conlon & Son	Jul. 2, 1963	2						Topsoil 3; hard clay 130; hardpan silt fine sand 135; fine grey sand 158. Dry hole.
" 11	"	"	Jul. 5, 1963	2	4	45	32	Fresh	D	Topsoil 3; hard clay 130; fine sand 132; fine gravel sand 133. Water at 132.
" 15	M. Crawford	H. McDonald	Oct. 19, 1962	4	6	38	30	"	S	Topsoil 2; brown clay 22; blue clay 118; gravel 119; black shale 123. Water at 118.
" 15	S. Rutter	D. Wade	Nov. 18, 1963	4						Yellow clay 8; grey clay 111; hardpan muck gas 115; black shale 130; grey shale 134. Dry hole.
" 16	O. Bray	H. McDonald	Aug. 3, 1961	4	4	45	21	Fresh	D, S	Topsoil 2; brown clay 24; blue clay 112; gravel sand 115; black shale 110. Water at 112.
" 16	Sombra Central School	D. Wade	Feb. 12, 1963	7	1	135	26	"	N	Yellow clay 12; dark grey clay 114; sand 117; black shale 133; grey shale 135. Water at 120.
" 16	"	"	Feb. 19, 1963	7						Yellow clay 10; dark grey clay 113; gas sand 116; black shale 128; grey shale 131. Dry hole.
" 16	"	"	Mar. 9, 1963	7	5	50	26	Fresh	N	Yellow clay 10; dark grey clay 110; sand muck 115; black shale 128; grey shale. Water from 111 to 115.
" 16	"	H. McDonald	Apr. 15, 1963	7	6	32	26	"	P	Topsoil 2; brown clay 22; blue clay 112; sand 113; gravel 116; black shale 119. Water at 112.
" 19	R.J. Myers	"	Jun. 6, 1965	4	6	30	22	"	D	Topsoil 2; brown clay 25; blue clay 90; gravel 92; black shale 95. Water at 90.
" 20	G. Douglas	"	Oct. 23, 1963	4	5	45	22	"	D	Topsoil 2; brown clay 22; blue clay 93; gravel 94; black shale 96. Water at 83.
" 26	S.S. # 20	B. Marsh	Jun. 5, 1961	4	15	15	15	"	P	Topsoil loam 2; blue clay 62; mud stones 87; sand gravel 88. Water at 87.
" 26	School Section	H. McDonald	Oct. 8, 1961	4						Topsoil 2; brown clay 15; blue clay 87; black shale 90. Dry hole.
" 26	"	"	Oct. 18, 1961	4	7	45	22	Fresh	P	Topsoil 2; brown clay 14; blue clay 85; gravel 86; black shale 89. Water at 85.
" 27	L. Harris	"	Mar. 20, 1963	4						Topsoil 2; brown clay 25; blue clay 106; black shale 130. Dry hole.
" 27	"	"	Apr. 1, 1963	4	4	35	15	Fresh	D	Topsoil 2; brown clay 22; blue clay 104; gravel 107; black shale 109. Water at 104.
" 30	M. Robinson	D. Wade	Nov. 20, 1962	4						Yellow clay 10; blue clay 68; hardpan 81; grey shale 92; black shale 100. Dry hole.
" 30	"	"	Nov. 21, 1962	4						Yellow clay 7; blue clay gravel 68; hardpan 70; black shale 74; grey shale 95; black shale. Dry hole.
" 6	E. Henry	"	Jun. 24, 1963	4						Yellow clay 12; blue clay 144; hardpan 172; black shale 184. Gas at 175. Dry hole.
" 28	H. Annett	"	Dec. 19, 1962	4	4	93	27	Fresh	D	Blue clay 93. Water at 93.
" 9	R. Galerneau	V. Conlon & Son	Jul. 25, 1961	2					N	Topsoil 2; yellow clay 9; hard blue clay 20; soft blue clay 143; silty sandy gravel 151; silty fine dark sand 170. Dry hole.
" 9	"	"	Jul. 29, 1961	2			25	Fresh		Topsoil 2; yellow clay 8; hard blue clay 21; soft blue clay 55; silty gravel mud 60; soft blue clay 144; silty sandy gravel 151; silty fine dark sand 170. Water from 144 to 151.
" 9	"	"	Aug. 4, 1961	2	2 1/2	40	24 1/2	"	D, S	Topsoil 2; yellow clay 8; hard blue clay 20; soft blue clay 143; medium fine sand 146; fine sand gravel 151; fine silty sand 168. Water from 148 to 151 1/2.

Sombra Twp. - cont.		2	5	38	28	Salty	D
G. Fournie	D.A. Douglas	Nov. 19, 1960					Blue clay 132; shale 138. Water at 138.
Con XII	D. Wade	May 4, 1962	1 1/2	142	16	Fresh	Yellow clay 6; blue clay 11; sand 118; black shale 142. Water at 122.
Con XII	D.A. Douglas	Jul. 16, 1963	2	33	33	"	Blue clay 133; shale 155. Water at 155.
Con XIII	V. Conlon & Son	Sep. 24, 1963	2	1		"	Clay 104; dark fine sand 160; silt sand 165; grey sand 177; shale Dry hole.
Con XIII	D. Wade	Oct. 7, 1963	4	6	70	Fresh	Yellow clay 10; blue clay 134; hardpan 150. Water at 150.
Con XIII	D.A. Douglas	Sep. 9, 1963	2	1	30	Salty	Blue clay 128; shale 154. Water at 154.
Con XIII	V. Conlon & Son	Sep. 25, 1961	2	1	30	Fresh	Blue clay 128; shale 134. Water at 134.
Con XIII	V. Conlon & Son	Sep. 13, 1962	2	3	40	"	Topsoil 2; brown clay 6; blue clay 119; fine sand fine gravel 12 1/2. Water at 121.
Con XIII	D. Wade	Jan. 22, 1962	4	2	34	"	Yellow clay 16; blue clay 103; sand 106; black shale 112. Water at 112.
Con XIII	M. Bullock	Dec. 2, 1961	2	3	30	"	Topsoil 2; yellow grey clay 34; fine gritty grey clay 98; hardpan 99; coarse gravel 101 1/2. Water at 99.
Con XIII	H.A. Brandon	Apr. 13, 1961	4	5	48	"	Topsoil 2; red clay 18; stony blue clay 104; black shale 107. Water at 104.
Con XIII	W. King	Jun. 15, 1961	4	5	31	"	Brown clay 12; blue clay 94; gravel hardpan 95. Water at 94 1/2.
Con XIV	V. Conlon & Son	Jul. 18, 1963	2			"	Clay 150; fine grey sand silt 162; black sand 180; grey shale 185; fine sand 191; shale. Dry hole.
Con XIV	D. Wade	Mar. 19, 1963	4	6	80	Fresh	Yellow clay 9; blue clay 143; sand gravel 145; hardpan 148; black shale 153. Water at 151.
Con XIV	W. King	Sep. 29, 1961	4	10	27	"	Clay loam 1; hard clay 11; blue clay 104; hardpan gravel 105; brown shale 115. Water from 110 to 115.
Con XIV	M. Bullock	Oct. 1, 1963	6	1/2	80	"	Previously drilled 92; isopstone 101; black sand 101 1/2. Water from 101 to 101 1/2.
Con XV	V. Conlon & Son	Jul. 28, 1962	2	3	50	"	S Hard topsoil 2; blue clay 116 1/2; hardpan 119; fine black sand gravel 120. Water at 119.
Con XV	D. Wade	Nov. 8, 1960	3	6	16	"	Blue clay 57; hardpan 59; black shale 63. Water at 63.
Warwick Twp.							
Con I	A.A. Heal	Jul. 23, 1960	4	1/2	36	Fresh	Sandy clay 7; blue clay 29; hardpan 32; black shale 36. Dry hole.
Con I	"	Jul. 23, 1960	4			"	Topsoil yellow clay 10; blue clay 30; muddy hardpan 33; clean hardpan 33; black shale 36. Water from 32 to 33.
Con I	"	Jul. 28, 1960	4			"	Topsoil sandy clay 6; blue clay 32; hardpan 33; black shale 38. Dry hole.
Con I	"	Jul. 27, 1960	4	1	34	Fresh	Topsoil yellow clay 10; blue clay 30; hardpan 32; black shale 34; Water from 31 to 32.
Con I	"	Apr. 14, 1961	4	4	32	"	Topsoil yellow clay 10; blue clay 25; sandy blue clay 42; fine sand gravel 45; coarse sand 47; muddy gravel 49. Water from 45 to 47.
Con I	C.R. Throver	Sep. 15, 1963	4	5	20	"	Sand 6; blue clay 26; gravel 26 1/2; blue clay 32; gravel 34; blue clay 40; black shale 42. Water at 40.
Con I	A.A. Heal	Aug. 2, 1963	4	4	32	Sulphur	Yellow topsoil 15; blue clay 34; muddy sand 34; blue clay 62; hardpan 64; black shale 66. Water at 62.
Con I	"	Dec. 12, 1963	4	4	29	"	Yellow topsoil 15; blue clay 45; clay sand 50; blue clay 89; hardpan 98; black shale 105. Water from 90 to 98.
Con II	"	Dec. 29, 1961	4	4	45	Fresh	Yellow topsoil clay 15; blue clay 63; hardpan 66; black shale 71. Water at 67.
Con II	"	Apr. 7, 1961	4	1/2	12	"	Topsoil yellow clay 10; blue clay 37; sandy clay 38; blue clay 55; black shale 60. Water from 37 to 38.
Con II	"	Apr. 4, 1961	4	1/2	10	"	Topsoil yellow clay 10; blue clay 37; sandy clay 42; blue clay 52; hardpan 55; black shale 57. Water from 37 to 42 and from 52 to 55.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAMONTON COUNTY - cont. Warwick Twp. - cont. ERN Con II lot 11	G. McCormick	A.A. Heal	Apr. 5, 1961	4	4	20	12	Fresh	D	Topsoil yellow clay 10; blue clay 38; blue clay sand 42; blue clay 52; hardpan 58; black shale 61. Water at 40 and at 52 and 59.
ERN Con II " 16	T.C. Luckins	"	Apr. 5, 1961	4	5	13	10	"	D	Topsoil gravel sand 9; blue clay 38; hardpan 44; black shale 46. Water from 39 to 45.
ERN Con II " 19	J. Baird	"	Oct. 3, 1963	4	4	61	25 1/2	Sulphur	D	Topsoil yellow clay 15; hard blue clay 30; hard sandy clay black shale stones 45; hard blue clay 68; hardpan 72; black loess sand 74. Water at 72.
ERN Con II " 29	A. Roder	"	May 27, 1961	3	6	22	17	Fresh	D	Topsoil yellow sand 8; sandy clay 24; sand 30; clay 31. Water from 24 to 30.
ERN Con III " 2	E.E. Shepherd	"	Jan. 12, 1961	4	3	80	42	"	D	Topsoil yellow clay 15; blue clay 97; gravelly hardpan 107; hardpan 111; black shale 120. Water from 100 to 107 and from 109 to 111.
ERN Con III " 10	R. Harper	F. Rendle	Aug. 7, 1961	4	8	50	30	"	D, S	Brown clay 15; blue clay 76; hard gravel 80; Water from 76 to 80.
ERN Con III " 16	H. Vossen	C. Thrower	Nov. 29, 1963	4	4	20	15	"	D, S	Gravel 5; blue clay 30; sand 40; hardpan 50; black shale 53. Water at 52.
ERN Con III " 17	A. Rombouts	A.A. Heal	Oct. 15, 1962	4	3	32	16	"	D	Topsoil yellow clay 10; sandy clay 18; blue clay 33; hardpan 56; black shale 60. Water from 54 to 56.
ERN Con III " 18	H. George	C. Thrower	Nov. 20, 1963	4	5	25	15	"	D, S	Old well 28; sand 40; blue clay 75; gravel 79; black shale 86. Water from 75 to 80.
ERN Con III " 18	P. VanBree	"	Dec. 6, 1963	4	6	22	20	"	"	Gravel 30; blue clay 40; sand 75; gravel 77. Water at 75.
ERN Con IV " 6	C. Sitter	F. Rendle	Jul. 12, 1960	4	8	50	45	"	D, S	Blue clay 90; gravel 93; rock. Water from 90 to 93.
ERN Con IV " 13	J. Fiddema	A.A. Heal	Aug. 30, 1962	4	5	48	43	"	D, S	Topsoil sandy clay 16; blue clay 75; sand 84; black shale 86. Water from 81 to 84.
ERN Con IV " 15	K. Vanhuizen	F. Rendle	Dec. 15, 1960	4	2	35	20	"	D, S	Old well 20; gravel 43; dark limestone 44. Water at 43.
ERN Con IV " 24	A. Roder	A.A. Heal	Mar. 1, 1962	4	5	27	15	Sulphur	D, S	Topsoil yellow clay 11; blue clay 18; sandy clay 20; blue clay 37; gravel 39. Water at 37.
ERN Con IV " 26	A. Veekle	H. Smith	Jun. 12, 1962	5	14	20	20	Fresh	D, S	Blue clay 96; black gravel 98. Water at 96.
ERN Con IV " 30	H. McChesney	A.A. Heal	Mar. 14, 1963	4	21	52	40	"	D, S	Yellow tonsill 15; blue clay sand 35; coarse sand 50; grey sand 59. Water from 51 to 59.
ERN Con V " 14	A. Warren	"	Jan. 8, 1960	4				"	N	Topsoil yellow clay 15; blue clay 46; sandy clay 50; blue clay 63; hardpan 73; black shale 86. Water from 48 to 50.
ERN Con V " 14	"	"	Jan. 15, 1960	4				"	N	Topsoil yellow clay 15; blue clay 32; sandy clay 60; gravel 65; hardpan 73; black shale 78. Water from 32 to 60.
ERN Con V " 18	J. Hall	"	Nov. 11, 1960	4	4	19 1/2	17 1/2	Fresh	D	Topsoil gravel 8; blue clay 22; gravel 23; sand clay 40; blue clay 57; sand 60; hardpan 65; black rock 60. Water from 63 to 65.
ERN Con V " 19	A. VanBree	C. Thrower	Dec. 27, 1963	4	6	22	20	"	D	Old well 20; gravel 59; black rock 60. Water at 59.
ERN Con V " 21	M. Evans	A.A. Heal	Oct. 17, 1963	4	4	14	6	"	D	Old well 10; sandy clay 41; hardpan 42; sand 58; coarse loess sand 60; black shale 63. Water from 41 to 60.
ERN Con V " 23	R. Dunlop	"	Aug. 24, 1963	4			20	"	N	Yellow tonsill 12; blue clay sand streaks 42; fine sand clay 65; hardpan 78; black gravel flip; sand 80; black shale 90. Water from 42 to 65 and from 72 to 80.
ERN Con V " 23	"	"	Aug. 27, 1963	4	6	42	21	Fresh	D	Topsoil yellow clay 12; blue clay stones 30; blue clay sand streaks 42; fine sand clay 65; hardpan 78; gravel clay sand 81; black shale 83. Water from 80 to 82.
ERN Con V " 5	K. Bos	G.G. Huseey & Sons	Nov. 3, 1961	4	5	60	40	"	D, S	Brown clay 10; blue clay 40; grey sand 100; black shale 125. Water at 125.
ERS Con I " 7	L. Dann	A.A. Heal	Aug. 21, 1962					"	D	Topsoil yellow clay 14; sandy clay 19; blue clay 52; sandy-tonsoil yellow clay 53. Dark shale 54.
ERS Con I " 7	"	"	Aug. 23, 1962	4	3	34	22	Fresh	D	Topsoil yellow clay 14; sand streaks clay 19; blue clay 52; sand 55; black shale 54. Water at 54.
								"	D	Topsoil yellow clay 5; blue clay 20; sandy clay 35; hardpan 36.

ERS Con I	lot 9	W. Blunt	C.R. Throver	Sep. 20, 1963	4	5	20	10	Fresh	D	Sand 8; blue clay 25; gravel 30. Water from 25 to 30.
ERS Con I	" 10	A. Williams	"	Dec. 2, 1963	4	4	24	12	"	D	Blue clay 32; black shale 40; Water at 38.
ERS Con I	" 11	A. Williams	A.A. Heal	Apr. 21, 1961	4		36	14	Fresh	D	Topsoil sandy clay 8; blue clay 32; hardpan 33; black shale 39. Dry hole.
ERS Con I	" 11	"	"	Apr. 24, 1961	4	< 1/2	36	14	"	D	Topsoil sandy clay 5; yellow clay 10; blue clay 33; hardpan 34; black shale 38 1/2. Water from 34 to 35.
ERS Con I	" 12	Twp. School Area	"	Oct. 9, 1963	6	7	6 1/2	4	"	P	Topsoil sandy clay 14; blue clay 20 1/2; hardpan 27; black shale 29. Water from 21 to 27.
ERS Con I	" 13	A. Clark	"	Jul. 29, 1960	4	2 1/2	25	7 1/2	"	D	Topsoil sandy clay 12; blue clay 18; gravel 20; muddy gravel 26; sandy hardpan 29; black shale 30. Water from 26 to 29.
ERS Con I	" 21	G. Aitken	"	Apr. 18, 1961	4	5	33	27	"	D	Topsoil yellow clay 15; blue clay 45; sandy streaks 60; blue clay 95; hardpan 96; black shale 106. Water from 45 to 60 and subsoil from 95 to 96.
ERS Con II	7	E. Okrucky	C.R. Throver	Jan. 8, 1963	4	3	32	10	"	D	Topsoil clay 5; blue clay 25; gravel 30; black shale 44. Water at 38.
ERS Con II	14	Southbank Farms Ltd.	A.A. Heal	Aug. 18, 1961	4	6	41	35	"	D, S	Topsoil yellow clay 15; blue clay 72; hardpan 76; black grey shale 94. Water from 73 to 76.
ERS Con II	19	O. Wallace	S. Earl	Apr. 7, 1961	4	7	20	10	Sulphur	D	Clay 36 1/2; hardpan 84; blue shale 86; black shale 107; grey shale 108. Water at 86.
ERS Con II	19	E. Collegan	A.A. Heal	Jan. 22, 1962	4	5	24	22	Fresh	D	Topsoil gravel 5; yellow clay 14; blue clay 75; gritty clay 86; hardpan 90; grey shale 91. Water from 90 to 91.
ERS Con II	19	M. Johnston	"	Apr. 12, 1963	4	5	31	17	Sulphur	D	Topsoil yellow clay 14; blue clay 84; grey black shale 87; black shale 98. Water from 84 to 89.
ERS Con III	2	R. Williamson	"	Nov. 22, 1960	4		16	16	Fresh	N	Old well 14; blue clay 64; muddy sand gravel 70; hardpan 74. Water from 64 to 74.
ERS Con III	2	"	"	Nov. 29, 1960	4	2 1/2	73	16	"	D	Topsoil yellow clay 16; blue clay 63; muddy gravel 69; sand 73; black shale 78. Water from 69 to 73.
ERS Con III	4	R. Waller	C.R. Throver	Oct. 12, 1960	4 1/2	6	24	18	"	D, S	Blue clay 54; black gravel 58. Water at 54.
ERS Con III	7	O. McGee	"	Mar. 13, 1963	4				"	D, S	Topsoil 4; blue clay 25; gravel 25 1/2; blue clay 32; black shale 44; Dry hole.
ERS Con III	7	"	"	Mar. 15, 1963	4	10	20	12	Fresh	D	Topsoil clay 6; blue clay 25; gravel 26; blue clay 32; black shale 38. Water at 38.
ERS Con III	10	H. Vermeiren	A.A. Heal	Oct. 17, 1963	4	2	39	12	"	D	Yellow topsoil 14; blue clay 31; sand 33; black shale 39. Water from 31 to 33.
ERS Con III	12	A. Straatman	"	Oct. 19, 1963	4	< 1/2	45	7	"	N	Yellow topsoil 14; blue clay 39; hardpan 40; sand 41; black shale 46. Water from 40 to 41.
ERS Con III	12	"	"	Oct. 22, 1963	4	1	45	6	"	D	Yellow topsoil 14; blue clay 36; muddy hardpan 40; sand 41; black shale 45. Water from 40 to 41.
ERS Con IV	30	H. Ball	"	Mar. 12, 1963	4	1 1/2	27	14	"	D	Yellow topsoil 14; sandy clay 27; sand 32. Water from 29 to 32.
ERS Con V	12	R. Morris	"	Mar. 15, 1962	5	1	16	6	"	D, S	Topsoil clay 2; blue clay 38; sand gravel 43; black shale 45. Water from 40 to 43.
ERS Con V	27	C. Vanloon	"	Aug. 3, 1961	4	< 1/2	135	70	"	D	Yellow topsoil 14; blue clay 107; hardpan 115; soft rock limestone 135. Water at 122.
ERS Con V	27	"	"	Aug. 5, 1961	4	5	33	27	"	D, S	Yellow topsoil 10; sand streaks 18; blue clay 114; hardpan 118. Water at 114.
ERS Con VI	26	R.V. Davidson	"	Feb. 27, 1963	4	4	72	32	"	D, S	Yellow topsoil 3; gravel 14; blue clay 80; hardpan 84; muddy hardpan 87. Water from 80 to 83.
Watford Village				Jan. 30, 1962	5	6	85	78 1/2	Sulphur	P	Topsoil yellow clay 14; blue clay 86; hardpan 90 1/2; black shale 100 1/2. Water at 86.
LINCOLN COUNTY Beamsville Town				May 23, 1961	2	4	15	10	Fresh	D	Brown clay 12; red shale 105. Water at 105.

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Clinton Twp. - cont. Con II	R. McNeill G. Wall & Sons	S.W. Merritt F. Merritt	Dec. 27, 1963 Jun. 17, 1961	6 8	110 42	54 12	Fresh "	D D	Clay stones 4 1/2; red shale 110. Water from 60 to 70. Brown sand 8 blue clay 22; red gravel 38; red shale 46. Water at 43.
Con III	" 5	"	"	"	"	"	"	"	"
Con III	" 9	Quality Poultry C-Oz. Kocsis	Sept. 29, 1961	7	50	8	Salty	N	Hard brown clay 8; blue clay 22; red barren 25; red limestone 50. Water at 50.
Con III	" 12	W. Niodecki	Jul. 16, 1963	8	30	8	Fresh	D	Red clay 17; red shale 32. Water at 26.
Con III	" 13	W.L. Field & Son	Dec. 6, 1960	8	30	16	Fresh	D	Red clay 15; red shale 40. Water at 30.
Con III	" 13	E. & J. Homagrell	May 25, 1961	8	14	Flows	Fresh	D, S	Clay 3; red shale 9; blue stones 8; red shale 15. Water at 8.
Con III	" 21	H. Cotton	Jul. 18, 1961	6 1/2	50	22	"	D, S	Brown clay 6; blue clay stones 30; clay gravel 40; red shale 72. Water at 50.
Con III	" 21	E. Barker	Aug. 4, 1961	6	81	52	"	D	Clay gravel 70; red shale 81. Water at 76 and 81.
Con III	" 22	H.H. Gleyson	Nov. 18, 1961	8	60	2	"	Ir, S	Dark clay loam 3; stones boulders 16; limestone 56. Water at 24 and 45.
Con IV	" 9	J. Springer	Oct. 17, 1963	10	65	25	Salty	D, S	Brown sand 10; red clay 16; red shale 70. Water at 38 and 68.
Con IV	" 9	"	Oct. 24, 1963	10	38	16	Fresh	D, S	Red clay 11; red shale 40. Water at 38.
Con IV	" 10	E. Falta	Aug. 17, 1962	7	60	24	"	N	Red clay 22; red limestone 60. Water at 50 and 60 salt.
Con IV	" 11	W. Korotash	Apr. 20, 1961	8	42	18	"	D, S	Brown clay 22; red shale 46. Water at 44.
Con IV	" 12	D. Szasz	Jul. 2, 1960	8	30	17	"	S	Clay 15; red shale 50. Water at 35.
Con IV	" 12	E. Walsh	Aug. 11, 1960	6 1/2	70	36	"	S	Brown clay 2; blue clay gravel 55; red clay gravel 65; red shale 85. Water at 62.
Con IV	" 13	C. Kratz	Jun. 30, 1960	6 1/2	1	70	38	D	Brown clay 2; blue clay gravel 55; red clay gravel 65; red shale 80. Water at 62 and 65.
Con IV	" 14	B. Hulsman	Mar. 15, 1960	6	50	50	Salty	N	Clay 44; red shale 125. Water at 52 and 125.
Con IV	" 19	S. Jakymiw	Oct. 8, 1960	6	108	55	Fresh	N	Clay sand 94; red shale 108. Water at 108.
Con IV	" 21	V. Geeks	Sept. 30, 1960	6	35	15	"	D, S	Clay 12; limestone 79. Water from 40 to 79.
Con IV	" 22	B. Aston	Jul. 28, 1961	6 1/2	50	27	"	D, S	Brown clay 6; blue clay 48; sand gravel 53; limestone 57. Water at 54.
Con V	" 2	P. Schroeder	Apr. 23, 1962	6	45	22	Sulphur	D	Light brown clay 9; grey clay 40; blue rock 55. Water at 52.
Con V	" 12	W. James	Oct. 10, 1960	6 1/2	70	24	Fresh	D	Blue clay 60; clay stones 70; coarse stone 80. Water at 74.
Con V	" 14	J. Hamm	Oct. 4, 1962	6	47	23	"	D	Brown clay 4; grey shale 39; red shale 50. Water at 35 and 47.
Con V	" 19	A. Pecken	Aug. 22, 1962	6	35	8	"	D	Clay 3; grey limestone 38. Water from 25 to 38.
Con V	" 21	Val Geeks	Oct. 5, 1963	6	30	16	"	D	Clay stones 17; limestone 44. Water at 30.
Con V	" 21	W. Masternack	Nov. 2, 1963	6	70	60	"	D	Clay boulders 72; limestone 104. Water at 80 and 103.
Con VI	" 6	F. Drake	Jun. 8, 1962	6	10	38	"	D	Blue clay 36; grey limestone 47. Water at 46.
Con VI	" 6	Camden Feed Mill	Dec. 25, 1963	6	40	30	"	In	Blue clay 30; grey limestone 49. Water at 49.
Con VI	" 13	J.B. Parker	Apr. 20, 1960	8	80	38	"	D	Brown clay 40; stones gravel 45; limestone 95. Water at 45 and 90.
Con VI	" 14	A.W. Topp & Sons	Jul. 8, 1960	6 1/2	50	20	"	S	Brown clay 8; blue clay 40; clear sand 50; limestone 60. Water at 55.
Con VI	" 18	K. Kolin	Nov. 10, 1961	6	90	80	"	D, S	Clay 60; limestone 120. Water at 120.
Con VI	" 18	A. Kolassa	Jan. 18, 1961	6	65	60	"	D, S	Brown clay 30; blue clay 42; grey limestone 101. Water at 100.
Con VI	" 18	T. Vail	Dec. 11, 1961	6	75	35	"	D, S	Clay 35; limestone 83. Water at 45.
Con VI	" 18	P. Fudge	Mar. 29, 1963	6	45	40	"	D	Brown clay 37; grey limestone 67. Water at 65.
Con VI	" 20	B. Reznor	Jun. 19, 1961	6	55	50	"	D	Clay gravel 35; limestone 85. Water from 70 to 78.
Con VII	" 1	J. Van Gelder	Nov. 30, 1962	6	30	28	"	D	Blue clay 20; grey limestone 45. Water at 45.
Con VII	" 6	Beckesda Home	Sept. 21, 1961	7	40	22	Sulphur	D, S	Soft brown clay 2; limestone 37; limestone 50. Water at 37.
Con VII	" 10	E. Hummel	Jul. 16, 1962	6	15	25	Fresh	S	Clay 28; limestone 52. Water at 52.
Con VII	" 12	P. Horos	Oct. 4, 1960	6	45	40	"	D, S	Clay 6; limestone 82. Water from 80 to 82.
Con VII	" 19	South Clinton School Area	Nov. 25, 1960	6	28	22	"	P	Clay 18; limestone 57. Water at 55.
Con VII	" 20	S. Ripenburg	Aug. 30, 1960	6	16	25	"	D	Clay 18; limestone 54. Water at 54.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Clinton Twp. - cont.										
Con VII " 20	P. Boldt	S.W. Merritt	Jun. 5, 1961	6	14	25	24	Fresh	D,S	Clay 17;limestone 66; Water from 45 to 65.
Con VII " 20	D. Shepherd	P. Merritt	Jul. 30, 1963	6	8	30	23	"	D,S	Brown clay 22;grey limestone 47. Water at 45.
Con VIII " 7	P. Vandarrum	W.L. Field & Son	Jan. 22, 1960	6 1/2	10	60	27	"	D	Brown clay 3;blue clay 17;rock 18;limestone 80. Water at 30 and 72.
Con VIII " 8	I. Plasecki	S.W. Merritt	Apr. 8, 1961	6	15	20	18	"	D	Clay 8;limestone 54. Water from 35 to 54.
Con VIII " 19	Fleming Farms Ltd.	W.L. Field & Son	Apr. 10, 1962	6 1/2	20	70	20	"	D,S	Blue clay 6;dark rock 60;white rock 90. Water at 30 and 84.
Con VIII " 19	Double J. Ranch	P. Merritt	Oct. 22, 1963	5	10	20	15	"	S	Brown clay 10;blue shale 15;grey limestone 35. Water from 25 to 35.
Con VIII " 19	Fleming Farms Ltd.	W.L. Field & Son	Dec. 7, 1963	6 1/2	10	55	18	"	D,S	Clay stones 3;blue stone 50;grey limestone 60. Water at 52.
Con VIII " 20	J. Harsanyi	S.W. Merritt	Apr. 27, 1962	6	14	18	12	"	D	Clay 12;limestone 31. Water at 30.
Con IX " 1	J.R. Martindale	W.A. Lounsbury & Sons	Oct. 29, 1963	6 1/2	5	23	12	"	D,S	Hard brown clay 6;soft brown clay 25;limestone 40. Water at 40.
Con IX " 7	F. Parr	P. Merritt	Aug. 2, 1962	6	10	40	35	"	D,S	Blue clay 18;grey limestone 50. Water at 50.
Con IX " 7	T. Martin	W.L. Field & Son	Jul. 9, 1962	6 1/2	6	50	24	"	D,S	Stones;gravel 10;blue clay 20;stones' boulders 24;limestone 55. Water at 52.
Con IX " 16	A. Hunt	"	Nov. 26, 1960	6 1/2	10	25	16	"	D,S	Blue clay 18;coarse stone 20;limestone 35. Water at 32.
Con IX " 18	J. Raninec	"	Jun. 27, 1963	6	10	18	15	"	D,S	Brown clay 3;blue clay 24;limestone 40. Water at 38.
Con IX " 23	H. Schnick	F. Merritt	Feb. 8, 1961	6	10	20	25	"	D	Brown clay 20;blue clay 40;grey limestone 57. Water at 57.
Con X " 1	C.C. Martin	W.L. Field & Son	Apr. 10, 1961	6 1/2	20	60	33	"	D,S	Blue clay 3;stones' gravel 160;limestone 75. Water at 68.
Con X " 12	W. Zwisp	F. Merritt	Aug. 12, 1963	6	10	30	25	"	D	Brown clay 40;grey shale 42. Water at 40.
Con X " 20	G. Hammacacos	"	Apr. 10, 1962	6	10	25	20	"	D,S	Blue clay 20;grey limestone 64. Water at 62.
Gainsborough Twp.										
Con I lot 14	H. Collier	P. Merritt	Dec. 20, 1960	5	10	5	Flows	Sulphur	D,S	Clay 83;limestone 84. Water at 84.
Con I " 15	Bell Telephone Co. of Canada	"	Apr. 26, 1961	6	20	10	"	"	P	Clay 92;grey limestone 92. Water at 92.
Con I " 26	J. Olesniuk	"	Jan. 24, 1962	6	10	35	30	Fresh	D,S	Brown clay 25;red sand 145;red hardpan 150;grey rock 151. Water at 151.
Con II " 26	E. Reichert	W.A. Lounsbury & Sons	Jul. 19, 1960	7	5	120	21	Sulphur	D	Hard clay 22;soft clay 150;stony hardpan 160;limestone. Water at 160.
Con III " 9	A. Reece	P. Merritt	May 29, 1962	6	10	18	16	Fresh	S	Blue clay 70;gravel boulders 108. Water at 108.
Con III " 20	C. Beauer	"	Sep. 22, 1962	6	10	40	30	"	D,S	Blue clay 112;grey limestone 116. Water at 115.
Con III " 20	J. Veander- meulen	"	Dec. 17, 1960	6	10	45	25	"	D,S	Clay 120;limestone 122. Water at 122.
Con III " 21	N. Crose	"	Oct. 8, 1960	6	10	25	23	"	D,S	Clay 30;red sandy clay 123. Water at 123.
Con III " 27	F. Stagg	S.W. Merritt	Mar. 25, 1963	6	16	28	25	"	S	Grey clay quicksand 127;limestone 133. Water at 132.
Con IV " 6	W. Krasko	"	Aug. 6, 1963	6	15	30	30	"	D,S	Grey clay 80;grey clay gravel 88;grey shale 90. Water at 90.
Con IV " 13	B. Ballak	P. Merritt	Nov. 28, 1963	6	10	30	25	"	S	Blue clay 82;grey limestone 83. Water at 83.
Con IV " 18	F. Lubera	S.W. Merritt	Mar. 30, 1963	6	16	36	30	"	S	Grey clay 9;rocked sand 104;grey shale 106. Water at 106.
Con IV " 25	A. Comfort	P. Merritt	May 12, 1960	6	10	25	20	"	D	Clay 30;soft red sand 103;limestone 108. Water at 108.
Con V " 3	G. Jeeves	"	Feb. 20, 1961	6	12	25	15	"	D	Brown clay 20;red sand clay 71;grey limestone 71 1/2. Water at 71 1/2.
Con V " 3	"	"	May 20, 1961	6	10	35	30	"	D,S	Clay 52;limestone . Water at 52.
Con V " 14	H. Lampman	W. Field & Son	Jul. 4, 1963	6	10	15	10	"	D	Brown clay 3;blue clay 30;blue clay gravel 38;coarse gravel 45. Water at 38.
Con V " 18	S. Dinga	S.W. Merritt	Aug. 3, 1962	6	12	40	32	"	S	Brown clay 30;coarse gravelly boulders 43;limestone 52. Water at 52.
Con V " 26	B. Piotrowski	P. Merritt	Dec. 2, 1960	6	12	25	22	"	D,S	Clay 38;hardpan 90. Water at 90.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Louth Twp. - cont. Con III	J.B. Fedorovich	W.L. Field & Son	Jul. 19, 1960	6½	1	80	11	Fresh	D	Top sandy clay 3½; yellow sand 9; fine blue sand 30; soft blue clay 70; quicksand 80; hard blue clay gravel 98; gravel sand 100. Water at 98.
Con V	W. Vaughn	W.A. Lounsbury & Sons	Nov. 2, 1962	7	17	160	56	"	D, S	Hard brown clay 1½; blue clay 168; red Medina rock. Water at 168.
Con V	R. Tajer	"	Jul. 18, 1962	7	½	125	54	"	D	Old well 16; blue clay 114; fine sand 120; red Medina rock 125. Water at 125.
Con V	F. Muller	"	May 3, 1963	7	13	160	110	"	D	Old well 5; hard clay 18; soft blue clay 117; hard clay 188; sandy clay 205; gravel 211; red shale 212. Water at 212.
Con V	Niagara Peninsula Cons. Auth. H. Lillies	"	Nov. 22, 1963	6½	<½	85	63	"	D	Topsail sandy clay 7; hard clay 3; hardpan clay 47; limestone 74; red sandstone 83; red shale 90. Water at 90.
Con VI	"	P. Spatuck	May 17, 1961	4	6	188	55	"	D	Brown clay 18; soft grey clay 164; medium hard clay 172; silty formation 192; brown hardpan 198; hard red shale 202; sand shale 203; hard red shale 204. Water from 202 to 203.
Con VI	Niagara Peninsula Cons. Auth. A. Lambert	W.A. Lounsbury & Sons	Dec. 2, 1963	6½	<½	75	42	"	P	Hard clay 14; hardpan 20; limestone 75. Water at 75.
Con VIII	A. Smith	"	Sep. 18, 1962	7	10	80	54	"	D	Brown hard clay 20; blue clay 160; sandy blue clay 210; fine red sand 227; red Medina rock. Water at 227.
Con VIII	M.S. Jones	F. Merritt	Jul. 22, 1963	6	½	80	35	"	D, S	Blue clay 17; grey limestone 80. Water at 68.
Con VIII	"	W.L. Field & Son	Nov. 16, 1962	6½	8	48	21	Sulphur	In	Blue clay 38; grey limestone 48. Water at 42.
Niagara Twp.	C.C. Toovey	W.A. Lounsbury & Sons	Dec. 1, 1961	7	3	60	22	Fresh	D, S	Concrete pit 6; soft clay 22; hard clay 34; hardpan 41; hard shale 47; red Medina rock 66. Water at 66.
	A. Murray	"	Jul. 3, 1961	7	5	60	18½	"	D, S	Red sand 16; hard clay 22; soft clay 29; hard stony clay 41; red hardpan 43; red shale 67. Water at 65.
	D. Paxton	W.L. Field & Son	Apr. 21, 1961	7	8	50	18	"	D, S	Red sand 8; soft clay 34; hardpan 45; red shale 63. Water at 60.
	S. Helinski	W.A. Lounsbury & Sons	Jul. 26, 1962	6½	5	60	20	"	D, S	Brown sand 10; grey sand gravel 60; red shale 85. Water at 80.
	J. Marynissen	"	Mar. 30, 1961	7	1	75	13	"	D, S	Sandy topsail 6; hard clay 17; soft blue clay 44; stony hardpan 51; red hardpan 57; red Medina rock 83. Water at 82.
	H. Suttler	F. Merritt	Sep. 18, 1963	6	2	40	10	"	D	Brown gravelly clay 70; red shale 42. Water at 40.
	K. Ruller	W.A. Lounsbury & Sons	Jun. 8, 1960	7	<½	97	14	"	D	Hard clay 9; red sandstone 27; red Medina rock 97. Water at 81.
	A. Banik	L. Hallborg	Jan. 22, 1960	6	10	20	12	"	D	Clay 9; red shale 30. Water at 30.
	S. Telega	W.A. Lounsbury & Sons	Feb. 4, 1960	6	10	25	15	"	D	Clay 40; red shale 100. Water at 100.
	S. Piotowski	"	May 31, 1962	7	1	60	16	Sulphur	D, S	Hard clay 14; soft clay 36; red hardpan 39; red shale 60. Water at 60.
	K. Klucha	"	Nov. 26, 1960	7	1	85	8	Fresh	D	Hard sandy loam 6; blue clay 40; red sand small stones 75; red sand gravel 80; red Medina rock 89. Water at 89.
	F. Nezezon	"	Oct. 1, 1962	7	8	35	11	"	D, S	Sandy clay 4; stony blue clay 30; fine red sand 43; small coarse gravel 44. Water at 44.
	E. Probst	"	May 18, 1962	7	17	45	8	"	D, S	Blue clay 5; small stones 40; sand coarse gravel 45. Water at 45.
	H. Suttor	F. Merritt	Sep. 24, 1963	6	85	15	15	Salty	D	Brown clay 60; red shale 87. Water at 63.
	I. Bezucha	W.A. Lounsbury & Sons	May 16, 1962	7	17	60	7	Fresh	D, S	Sandy loam 3; hard brown clay 16; blue clay 31; sand gravel stones 40; Marley red sand 62; coarse gravel 65. Water at 65.
	H. Siemens	F. Merritt	Jun. 8, 1962	6	3	75	20	"	D	Hard back sand 76; red shale 80. Water at 80.
	H.G. Neufeld	W.A. Lounsbury & Sons	Oct. 11, 1963	7	25	40	16	"	D	Hard brown clay 6; hard blue clay 10; soft blue clay 64; medium coarse gravel 65. Water at 65.
	D.W. Osterdag	"	Apr. 18, 1963	7	<½	60	27	Salty	N	Sandy loam 6; blue clay 33; hardpan 39; red Medina rock 60. Water at 60.

[illegible]

2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY - cont. Niagara Twp. - cont.										
" 194	W. Andres	W.A. Lounsbury & Sons	Jul. 10, 1961	7	8	34	6	Fresh	D	Old well 15; hardpan 25; red shale 40. Water at 40.
" 194	A. Martens	"	Aug. 9, 1962	7	4 1/2	72	21	"	D	Sandy loam stones 16; fine sand stones 41; red Medina rock 72. Water at 60.
" 194	A. Ostanza	"	Oct. 4, 1963	7	4	34	10	"	D	Sandy loam 3; sandy clay 12; sandy clay stones 33; fine coarse gravel 34. Water at 34.
MR	M. Slak	"	Jan. 19, 1961	7	5	60	12	"	D	Red sand 6; hard clay 17; hardpan 28; clay 32; hardpan 40; red shale 60. Water from 40 to 60.
N.P.L.C.S.	F. Longo	"	Oct. 4, 1960	7	5	63	14	"	D, S	Western 18; blue clay 33; fine red sand 43; red Medina rock 63. Water at 60.
N.P.L.C.S.	P. Sterligow	W.L. Field & Son	May 4, 1962	6 1/2	2	45	10	"	D, S	Brown sand 10; grey sand clay 30; fine sand gravel 40; red shale 52. Water at 45.
N.P.L.C.S.	L. Newhouse	W.A. Lounsbury & Sons	Aug. 1, 1962	7	3	95	14	"	D, S	Sandy to soil 7; soft clay 29; stony red hardpan 47; red hardpan 53; red shale 96. Water at 84.
N.P.L.C.S.	G. Pries	"	Apr. 11, 1963	7	1 1/2	75	18	"	D, S	Cistern 21; sandy clay 37; hardpan 40; red Medina rock 76. Water at 75.
N.P.L.C.S.	R.C. Topp	S.W. Merritt	Nov. 15, 1963	6	2	60	40	"	D	Grey clay 42; red shale 75. Water at 60.
lot 1	L. Cratt	W.A. Lounsbury & Sons	Jun. 24, 1960	7	2	60	9	"	D	Sandy loam 11; blue clay 24; sandy blue clay 40; gravel 42; fine red sand 55; red Medina rock 62. Water at 48.
" 1	C. Ross	"	Aug. 27, 1963	7	3	60	22	"	D	Sand 6; hard clay 18; soft clay 26; hardpan 42; red Medina rock 65. Water at 65.
" 2	H. Rasmussen	S.W. Merritt	Aug. 18, 1962	6	1	47	21	"	D	Clay sand 18; boulders sand 35; red packed sand 47. Water at 45
" 2	W. McQuillen	W.A. Lounsbury & Sons	Sep. 17, 1963	7	2 1/2	70	27	"	D	Soft clay 22; hard clay 38; hardpan 43; red Medina rock 73. Water at 70.
" 10	D. Paxton	"	Oct. 22, 1960	7	20	38	18	"	D	Sandy clay 7; blue clay 41; hardpan 49; red shale 60. Water at 54.
" 1	R. Bartel	"	Feb. 24, 1961	7	3	40	14	"	D	Hard clay stones 16; soft clay 22; sand 34; sand gravel 42. Water at 34.
" 1	W. Weins	W.L. Field & Son	Nov. 13, 1963	6 1/2	4	50	12	"	D	Brown sand 20; blue clay 40; blue clay sand gravel 56; red shale 60. Water at 57.
" 7	G.A. Jefferys	W.A. Lounsbury & Sons	Apr. 25, 1963	7	17	65	26	"	D, S	Sandy loam 8; soft blue clay 42; hard blue clay 70; sandy clay gravel 74; hardpan 76; red Medina rock 82. Water at 56.
" 5	J.R. Walters	F. Merritt	Aug. 11, 1960	6	10	20	16	"	D	Grey clay 32; packed sand clay 41; gravel 43. Water at 43.
" 2	S. McCarthy	S.W. Merritt	Mar. 1, 1963	6	15	16	16	"	D	Clay clay 32; packed sand clay 41; gravel 43. Water at 43.
" 6	Avondale Dairy Ltd.	W.A. Lounsbury & Sons	Jun. 10, 1960	7	4	103	40	"	N	Hard brown clay 25; blue clay 83; gravel 83; red fine sand 97; red Medina rock 103. Water at 103.
" 6	"	"	Jun. 20, 1960	7	2	118	28	"	N	Hard brown clay 25; blue clay 60; sandy blue clay 93; gravel 97; hardpan 101; red Medina rock 118. Water at 109.
" 6	"	"	Jul. 15, 1960	7	17	40	24	"	D, S	Hard clay 16; blue clay 60; sandy blue clay 83; coarse gravel 88. Water at 83.
" 2	J. Conroy	"	Nov. 23, 1962	7	7	55	25	"	D, S	Hard brown clay 15; soft brown clay 23; red hardpan 47; fine red sand 54; coarse gravel 57. Water at 57.
" 7	Niagara Government Park	S.W. Merritt	Aug. 11, 1960	6	1	120	39	"	D	Clay mixed sand 118; red shale 127. Water at 127.
" 2	E. Masterson	W.A. Lounsbury & Sons	Jun. 28, 1960	7	30	100	68	"	D, S	Hard clay 21; soft blue clay 74; hard clay 92; sandy clay 127; sand 131; coarse gravel 135. Water at 131.
" 1	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Mar. 29, 1961	6	10	184	51	Salty	P	Clay 105; red shale 190. Water at 170 and 180.
" 3	E. Nixon	W.L. Field & Son	Aug. 14, 1963	6	2	65	30	Fresh	D, S	Blue clay 10; red clay 48; brown hard rock 52; red shale 70. Water from 52 to 70.

Con	A	S. Las	S.M. Merritt	May 19, 1960	6	16	12	10	D	D	Clay 26; Niagara rock 34. Water at 34.
Con A	lot 6	15	P. Merritt	Jul 31, 1962	6	1	26	28	D, S	D, S	Clay 32; limestone 33. Water at 32.
Con A		18	A. Koenig	May 28, 1960	6	1	10	28	D	D	Clay 33; limestone 33. Water at 33.
Con II		4	N. Taylor	Dec. 5, 1960	6	1	165	65	D	D	Brown clay 6; blue shale 9; red shale 140; blue shale 170. Water at 165.
Con II		4	"	Dec. 17, 1960	6	2	19	14	D	D	Brown clay 3; red shale 24; limestone 50. Dry hole.
Con II		4	S. Gill	May 4, 1961	6	3 1/2	60	23	D	D	Brown clay 16; grey rock 45. Water at 43.
Con II		4	W. Packham	May 4, 1962	6	3 1/2	60	23	D	D	Sandy clay 6; shale broken rock 12; limestone 30; grey shale 65. Water from 35 to 58.
Con II		6	P. Merritt	Mar. 2, 1961	6	1 1/2	22	15	D	D	Brown clay 3; grey limestone 35. Water at 17 and 34.
Con II		8	J. Spencer	Jul. 2, 1960	6	2	22	25	D	D	Blue clay 2; grey shale 18; grey rock 24; red shale 52. Water at 30.
Con II		8	H. Lip	Jun. 27, 1961	6	2	32	32	D	D	Brown clay 6; grey limestone 13; red shale 34. Water at 15 and 28.
Con II		8	C. Corbin	Jun. 8, 1963	6	2 1/2	28	8	D	D	Brown clay 6; grey rock 22; red shale 30. Water at 22.
Con II		8	N. Piet	Sep. 17, 1963	6	2 1/2	28	12	D	D	Clay stones 4; grey shale 6; limestone 22; red shale 28. Water at 20.
Con II		10	J. Jersok	Jul. 23, 1960	6	10	25	20	D	D	Clay 7; limestone 35. Water from 30 to 35.
Con III		C	F. Conro	Jan. 16, 1962	5	4	40	15	D	D	Brown clay 2; boulders shale 8; grey rock 44. Water at 18 and 42.
Con III		4	P. Kuruc	Dec. 23, 1961	6	13		14	D	D	Clay stones 3; Niagara rock 24; limestone 38. Water from 30 to 36.
Con III		5	Brazillian Fathers	Nov. 26, 1960	6				D	D	Clay 20; Niagara rock 60; limestone 80; mud 92; shale 110; red muddy shale 114. Dry hole.
Con III		8	J. Wisnoski	Nov. 4, 1960	6 1/2	3	60	24	D	D	Blue clay 32; stones gravel 36; grey limestone 70. Water at 62.
Con III		9	M. Smerek	Feb. 24, 1960	6 1/2	10	25	6	D, S	D, S	Brown clay 7; blue clay 20; clay stones 22; limestone 42. Water at 35.
Con III		9	R.N. Lawson	Aug. 20, 1962	6	10	15	15	D	D	Blue clay 21; grey limestone 32. Water at 32.
Con III		10	N. Smerek	Oct. 17, 1963	6 1/2	8	30	12	D	D	Blue clay 27; rock 32. Water at 30.
Con III		12	R.C. Woyer	Oct. 9, 1960	6 1/2	20	30	14	S	S	Blue clay 20; clay sand 30; sand gravel 35; coarse stone 40. Water at 36.
Con III		14	J. Cipans	Jun. 12, 1961	5	15	20	12	D	D	Brown clay 15; blue clay 32; grey limestone 35. Water from 32 to 35.
Con III		15	J. Omelchenko	May 16, 1961	5	10	35	25	D	D	Clay 31; grey limestone 49. Water from 31 to 49.
Con III		15	C. Powell	May 10, 1962	6	5	20	32	D	D	Blue clay 39; grey limestone 55. Water at 55.
Con III		16	J. VanDertrap	Jun. 30, 1962	6	3	25	32	D	D	Blue clay 40; grey limestone 60. Water at 55.
Con III		17	C.W. Lewis	Aug. 27, 1960	6	10	25	43	C	C	Clay 36; limestone 73. Water at 72.
Con III		17	Rumps & Power								
Con III		17	C. Venbuuren	Jul. 1, 1963	6	8	55	40	S	S	Blue clay 35; grey limestone 72. Water at 70.
Con III		18	C.J. Vanleuewen	Feb. 13, 1961	6	10	45	45	S	S	Brown clay 30; grey limestone 62. Water from 34 to 60.
Con III		22	A. Paoliasini	Aug. 21, 1961	6	3	35	25	S	S	Tonsill 2; brown clay 20; grey clay 40; limestone 60. Water at 60.
Con III		22	W.E. Scriven	Nov. 2, 1962	6 1/2	10	78	42	S	S	Brown clay 5; blue clay 31; stones gravel 40; brown stone 45; white limestone 60; grey limestone 86. Water at 76.
Con III		22	W.L.L. Field & Son						D	D	Clay 36; limestone 60. Water from 75 to 78.
Con III		22	L.H. Hawkey	May 14, 1963	6	12	70	42	D	D	Light brown clay 9; grey clay 31; fine gravel 32. Water at 31.
Con IV		2	J. Morel	Dec. 24, 1962	6	30	7	1	D	D	Blue clay 12; limestone 30. Water at 20.
Con IV		8	N.V. Tomkin	Aug. 23, 1961	6 1/2	20	6	6	D	D	Clay 6; shale 8; grey rock 48. Water from 32 to 48.
Con IV		8	P. Vickers	Oct. 26, 1961	6	16	18	12	D	D	Brown clay 5; blue clay 20; coarse gravel 21. Water at 20.
Con IV		12	J. Winchester	Jun. 28, 1963	6	10	7	3	D	D	Clay 20; shale 32. Water at 32.
Con IV		13	P. Sawchuk	Oct. 26, 1960	6	15	12	17	D	D	Blue clay 22; grey limestone 27. Water at 26.
Con IV		13	K. Wasilewski	Sep. 18, 1962	6	10	28	17	D	D	Blue clay 1; grey limestone 29. Water at 28.
Con IV		14	L. Weninger	Sep. 27, 1962	6	10	25	17	D	D	Brown clay 1; grey limestone 29. Water at 28.
Con IV		18	A. VanNyn	Nov. 20, 1963	6	5	20	10	D	D	Brown clay 25; grey limestone 42. Water at 30.
Con IV		21	C. Zonneveld	Mar. 4, 1963	6	24	30	20	S	S	Brown clay 11; limestone 34. Water at 40.
Con V		L	F. Huret	Jan. 16, 1963	6	10	15	7	S	S	Clay 8; limestone 32. Water at 35.
Con V		5	J. Myronuk	Jun. 8, 1961	6	20	15	7	D, S	D, S	Blue clay 15; limestone 39. Water at 35.
Con V		5	W.L.L. Field & Son	Jul. 15, 1962	6 1/2	20	20	10			

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENOX COUNTY - cont.										
North Grimsby Twp. cont.										
Con V lot 7	T. Richards	S.W. Merritt	Dec.10, 1960	6	3	25	15	Sulphur	D	Clay 9; Niagara rock 37. Water at 33 and 37.
Con V lot 7	"	"	Jan.17, 1961	6	3	25	15	"	D	Clay 8; Niagara rock 37. Water at 37.
Con V lot 7	W. Vanderpieeg	F. Merritt	Aug.29, 1962	6	2	30	18	Fresh	D,S	Blue clay 13; grey limestone 58. Water at 22 and 58.
Con V lot 23	W. Scott	G.J. Wallis	Sep.17, 1962	6	4 1/2	12	12	"	D	Grey clay 13; grey limestone 17. Water at 16.
Con V lot 1	P. Bowman	E. Constable	Jun.6, 1963	6	3	30	12	"	D	Topsoli 2; shale 5; limestone 50. Water at 40.
Con VI lot 1	W. Furduky	"	Jun.12, 1963	6	3	25	15	"	D	Topsoli 2; shale 5; limestone 50. Water at 40.
Con VI lot 2	J. Szpakowski	F. Merritt	Apr.15, 1961	5	4	40	12	"	D	Brown clay 15; grey limestone 41. Water at 35.
Con VI lot 3	H. Weiland	W.A. Lounsbury & Sons	Apr. 2, 1962	7	5	17	5	"	D	Hard brown clay 6; brown clay stones 12; limestone 20. Water at 20.
Con VI lot 15	L.R. Mewhney	W.L. Field & Son	May 8, 1961	6 1/2	20	30	19	"	D	At 20 clay 44; stones gravel 50; coarse stones 52. Water at 50.
Con VI lot 17	A. Keizer	F. Merritt	Aug.13, 1960	6	10	25	16	"	D,S	Clay 27; limestone 42. Water at 42.
Con VI lot 18	T. Ousley	"	Apr.27, 1963	6	10	25	16	"	D	Clay 18; grey limestone 32. Water at 32.
Con VI lot 22	T. Ratray	"	Jun. 6, 1961	5 1/2	3	40	30	Sulphur	D	Brown clay 12; grey limestone 49. Water from 44 to 48.
Con VII lot 1	I. Lawrence	E. Constable	Jul. 9, 1963	5 1/2	3	35	25	Fresh	D	Topsoli 1; clay builders 20; shale 23; limestone 60. Water at 45.
Con VII lot 9	R. Derksen	F. Merritt	Oct.24, 1960	5	10	25	12	Sulphur	D	Clay 22; limestone 33. Water at 32.
Con VII lot 9	F. Chadwick	S.W. Merritt	Oct.10, 1960	5	5	30	12	Fresh	D	Mud 1; Niagara rock 30; limestone 25. Water at 35 and 55.
EG lot 1	F. Cohrs	Allard Bros	Oct.12, 1960	2	2	15	12	"	D	Bedrock limestone 68. Water at 68.
EG lot 1	S. Haueka	"	Oct. 5, 1960	2	2	15	12	"	D	Bedrock limestone 67. Water at 65.
EG lot 1	H. Aston	W. Field & Son	Jul.12, 1963	6	2	50	6	"	D,S	Brown clay 1; limestone 65. Water from 15 to 65.
EG lot 1	P. Fruyers	F. Merritt	May 31, 1960	6	10	20	8	"	D	Clay 6; limestone 31. Water at 30.
St. Catharines City	Golf Club	W.A. Lounsbury & Sons	Jun.15, 1960	7	30	47	17	Fresh	P	Soft clay 46; sandy clay 57; coarse gravel 61. Water at 57.
St. Catharines City	"	"	Jun.20, 1960	7						Hard clay 18; soft clay 67; hardpan 73; red shale 75. Dry hole.
St. Catharines City	"	"	Jun.27, 1960	7						Hard clay 22; soft clay 74; hardpan 115; rock. Dry hole. 64.
St. Catharines City	"	"	Jul. 4, 1960	7						Soft clay 48; stones clay 50; hard clay 57; red hardpan 61. Dry hole.
St. Catharines City	S. Anthony	"	Aug.10, 1960	7	2	40	12	Sulphur	P	Hard brown clay 11; limestone 40. Water at 38.
St. Catharines City	Golf Club	"	Nov.14, 1960	8	30	57	13	Fresh	P	Soft clay 57; coarse gravel 63. Water at 57.
St. Catharines City	"	"	Nov.15, 1960	7	30	50	18 1/2	"	P	Soft clay 55; fine sand 61; red shale 63. Water at 55.
St. Catharines City	"	"	Nov.17, 1960	7	30	46	14	"	P	Soft clay 57; fine sand 61; red shale 64. Water at 57.
St. Catharines City	C. Hack	"	Jun.26, 1961	7	3	70	18	"	D	Red sand 8; hard clay 16; soft clay 68; hard red sand 74; red hardpan 83; red shale 84. Water at 83.
St. Catharines City	J. Ens	"	Aug.25, 1961	7	< 1/2	65	21	Salty	N	Hard clay 21; soft clay 57; hard clay 78; red hardpan 86; red shale 100. Water at 100.
St. Catharines City	Henley Motors Ltd.	"	Jul.12, 1963	7	1	85	26	Fresh	C	Hard brown clay 15; blue clay 82; fine red sand 86; red Medina rock 89. Water at 89.
South Grimsby	J. Weise	S.W. Merritt	May 22, 1961	6	14	12	12	Fresh	S	Brown clay 23; grey shale 25. Water at 25.
Con A lot 9	Trans-Can. Pipe Lines	W.L. Field & Son	Feb. 2, 1962	6 1/2	10	30	18	"	P	Blue clay 20; coarse gravel 25; limestone 40. Water at 35.
Con VII lot 2	W. Smerek	"	Mar.22, 1962	6 1/2	10	30	10	"	D,S	Clay 10; loose stone 20; limestone 42. Water at 38.
Con VII lot 3	W. Pelorskyshyn	F. Merritt	Apr.20, 1961	6	15	30	22	"	D	Brown clay 12; grey limestone 39. Water at 39.
Con VII lot 16	P. Duck	S.W. Merritt	Jun.14, 1963	6	16	22	19	"	D	Grey clay stones 29; grey shale 30; Niagara rock 35. Water from 33 to 35.
Con VII lot 16	C. Walker	"	Jun.18, 1963	6	15	24	20	"	D	Grey clay stones 30; grey shale 32; Niagara rock 36. Water from 34 to 36.
Con VIII lot 13	H. Gibson	Allard Bros.	Apr.20, 1960	2	5	10	10	"	C	Old well 30; brown shale 103. Water at 100.
Con VIII lot 14	W. Tomasco	P. Merritt	Nov.30, 1962	2	5	10	12	"	D	Old well 30; brown shale 103. Water at 100.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MANITOULIN DISTRICT.-										
cont.										
Assignack Twp. -cont.										
Con I lot 38	A. Wright	D. Wright	Jul. 20, 1960	4	< 1	28	5	Sulphur	D	Brown clay stones 10; grey limestone 28; blue shale 30. Water at 25.
Con I " 38	C. McLennan	"	Jul. 23, 1960	4	< 2	31	4	"	D	Brown clay stones 10; grey limestone 31; blue shale 33. Water at 28.
Con I " 38	W.J. Chatwell	"	Oct. 28, 1960	4	2	10	5	Fresh	D	Gray clay stone 15; gravel 22. Water at 15.
Con I " 38	H. Bryant	"	Jun. 3, 1961	4	< 1	28	0	"	D	Brown clay 1; grey limestone 20; blue shale 30. Water at 20.
Con I " 38	N. McKeonnie	S. & O. Wright	Oct. 10, 1961	5	< 6	15	3	"	D	Stony hardpan 10; dark grey limestone 96; water at 54; gas at 90.
Con I " 38	H. Little	D. Wright	Oct. 12, 1961	5	< 6	15	3	"	D	Clay, hardpan 11; dark grey limestone 45; water at 12 and 13.
Con I " 38	B. Leeson	"	Dec. 14, 1961	4	< 1	28	3	Sulphur	D	Brown clay boulders 15; limestone 32. Water at 27 and 33.
Con I " 38	"	"	Apr. 2, 1962	4	< 1	38	5	Fresh	D	Brown clay 7; grey limestone 24; brown soft limestone 30. Water at 24.
Con I " 38	"	"	Apr. 11, 1962	4						Brown clay 7; grey limestone 50. Dry hole.
Con I " 38	Post office	"								
Con I " 38	Manitowaning	S. & O. Wright	Aug. 17, 1962	8	1	39	23	Fresh	D	Clay stones 6; grey rock clay 77. Dry hole.
Con I " 48	E. Leeson	D. Wright	Jun. 5, 1963	4	1	38	7	"	D, S	Brown clay 1; grey limestone shale 40. Water at 33.
Con I " 12	A. Mecko	"	Jul. 27, 1960	4	2	85	36	"	D	Brown clay stones 15; blue clay streaks quicksand 25. Grey limestone 39; blue shale 40. Water at 31.
Con II " 40	A. Connors	"	Aug. 11, 1962	4	2	30	10	"	D	Small stone brown clay 3; brown limestone 15; grey limestone 40; white limestone 46; grey limestone 46; grey limestone 98; brown limestone 90. Water at 85.
Con VI " 33	R.H. Pleozer	"	Jun. 8, 1960	4	< 1	30	10	Sulphur	D	Brown clay stone 5; blue soft shale 26; grey limestone 32. Water at 26.
Con VII " 31	R. Chatwell	"	May 14, 1960	4	6	10	10	"	D	Dark topsoil 2; midland clay 30; clay small stone 32; sandy clay 44; gravel 4; hard limestone 40; soft blue limestone 50. Water at 45.
Con XIV " 8	L. Segle	"	Nov. 20, 1963	4	2	35	15	Fresh	D	Sandy loam 3; sandy clay 15; gravelly clay 35; sand gravel 40. Water at 40.
Con XV " 8	"	"	Jun. 22, 1960	5	1	65	35	Fresh	D, S	Brown clay 1; grey limestone Silica 36. Dry hole.
Con XVII " 6	J. Lowhan	S. & O. Wright	Jun. 29, 1960	4	6	20	18	"	D	Brown clay 1; grey limestone Silica 40; grey limestone 75. Water at 65.
Barrie Island Twp.										
Con IV lot 13	F. Mervyn	S. & O. Wright	Aug. 19, 1961	4	6	20	18	"	D	Clay 2; grey limestone 62. Water at 55.
Con V " 10	Barrie Island School	D. Wright	Jul. 11, 1961	5	6	7	7	Sulphur	S	Dark limestone 30. Water at 20 and 24.
Con IX " 16	G. Beatty	"	May 23, 1962	4	1	25	17	"	P	Brown clay 3; shaly blue grey limestone 26; black shale 27. Water at 24.
Con IX " 16	P. Ferguson	"								
Con IX " 16	W. Quinning	"								
Bidwell Twp.										
Con III lot 10	G. Beatty	D. Wright	Oct. 10, 1963	4	< 1	39	15	Sulphur	D	Brown clay 8; grey limestone 38; blue shale 40. Water at 34.
Con IX " 11	P. Ferguson	"	Sep. 8, 1960	4	50	16	16	Fresh	D	Brown clay stones 8; grey limestone 53. Water at 34.
Con IX " 16	W. Quinning	"	Aug. 28, 1962	4	34	7	7	"	D	Old well 6; blue clay gravel boulders 19; grey limestone 34. Water at 25.
Billings Twp.										
Con III lot 7	Indian Affairs	S. & O. Wright	Oct. 10, 1963	4	6	73	53	Fresh	D	Sand boulders 91. Water at 83.
Con IV " 9	Lakeview School	R. & S. Wright	Sep. 2, 1962	6	10	100	75	Sulphur	P	Sand conglom 10; boulders sand 50; fine gravel 55; fine sand quicksand 81; clay 26; 24. Water at 115.

Billings Twp. - cont.	Dept. of Indian Affairs	D. Wright	Mar. 30, 1963	4	10	26	26	Fresh	D	Grey clay stones 5; blue shale 11; limestone 30; red shale 11; limestone 60; grey limestone 70. Water at 38.
Con III	" 21 N. Lloyd	S. & O. Wright	Jul. 13, 1961	4	6	38	32	Sulphur	D	Silty clay 15; dark grey rock 38. Water at 34.
Con XIV	" 27 Kagawong School	"	Jun. 11, 1962	5	1	10	10	Fresh	P	Grey rocks seems blue shale 50. Water at 20.
Con XV	" 28 R. Fogel	"	Sep. 9, 1963	5	< 3	52	24	"	D	Sandy clay 7; blue shale 115. Gas at 115. Dry hole.
Con XVI	" 29 L. Brando	"	Jun. 13, 1962	6				"	D	Limestone blue shale 52. Water from 17 to 47.
Burpee Twp.										
Con IV	lot 35 H. McDonald	D. Wright	Oct. 1, 1962	4	6	32	30	Fresh	D	Previously drilled 55; grey brown limestone 87. Water at 80.
Con V	" 10 A. Long	S. & O. Wright	Oct. 16, 1962	5	6	20	9	"	S	Clay 9; hard grey limestone 74. Water at 55.
Con VI	" 20 J. Campbell	"	Sep. 21, 1961	4	6	28	18	"	D, S	Clay 4; grey limestone 78. Water from 70 to 72.
Con VII	" 20 J. Patterson	D. Wright	Jul. 29, 1961	4	20	30	30	"	D	Pine sand 30; grey clay gravel 64; grey limestone 67. Water at 65.
Con VIII	" 33 C. Matheson	"	Jul. 14, 1961	4	3	30	5	"	D	Rock grey limestone 70. Water at 66.
Con IX	" 20 C. & I. Smith	S. & O. Wright	Sep. 14, 1961	4	6	30	18	"	D	Grey clay 5; grey limestone 40. Water at 27.
Con X	" 23 A. McKinley	D. Wright	Jul. 21, 1961	4	3	30	10	"	D, S	Stones clay 8; grey limestone 106. Water from 65 to 90.
Con XI	" 32 A. Hall	S. & O. Wright	May 17, 1963	4	6	65	54	"	D	Limestone 90. Water at 50 and 85.
Con XII	" 33 L. Burrough	"	Jun. 12, 1963	4	5	12	8	"	D	Sandy clay 9; grey rock 35. Water at 30.
Con XIII	" 26 G. Morrison	"	Oct. 5, 1962	5	6	16	16	"	D	Clay loam 10; limestone 101. Water at 90.
Con XIV	" 29 W. Robertson	"	Jul. 1, 1960	4	1	64	64	"	D	Brown clay 2; shaly rock 12; grey limestone 80. Water at 60.
Con XV	" 10 M. Hayden	"	Oct. 22, 1962	4	6	48	35	"	D	
Caypelt Twp.										
Con III	lot 17 A. Pearson	S. & O. Wright	Sep. 6, 1960	4	6	50	35	Fresh	D, S	Loam clay 10; grey limestone 110. Water at 65 and 100.
Con VII	" 26 E. Lewis	D. Wright	May 17, 1963	4	6	55	49	"	D, S	Brown clay stones 9; white Siliceous rock 49; grey limestone 60. Water at 49.
Con IX	" 9 F. McDonald	S. & O. Wright	Jul. 12, 1962	4	6	22	22	"	D	Sand gravel 26; grey rock 61. Water at 54.
Con X	" 10 M. Sloss	"	May 30, 1962	4	6	23	23	"	D	Hard stony clay 7; light grey rock 55. Water at 48.
Con XI	" 11 W. Cranstrn	"	Aug. 17, 1960	4	6	101	37	"	D	Clay boulders 9; grey limestone 101. Water at 65 and 85.
Con XII	" 11 W. Marshall & N. B. McColeman	"	Aug. 21, 1960	4	6	46	36	"	D	Fine sand 4; grey limestone 86. Water from 65 to 70.
Con XIII	" 11 E. Lewis	"	Jun. 7, 1962	4	6	36	28	"	D	Hard clay 4; grey limestone 80. Water at 68.
Con XIV	" 11 A. Campbell	"	Jun. 26, 1962	4	6	50	35	"	D	Clay stones 8; light grey rock 88. Water at 65.
Con XV	" 11 R. Campbell	"	May 27, 1963	4	5	43	43	"	D	Clay stones 9; grey limestone 87. Water at 65 and 87.
Con XVI	" 10 C. Gilbrath	"	Jul. 10, 1962	4	25	25	18	"	D	Light clay soil 3; grey limestone 56. Water at 45.
Con XVII	" 11 A. Gilchrist	"	Jun. 30, 1961	4	6	22	18	"	D	White limestone 82. Water at 50 and 75.
Con XVIII	" 10 L. Reid	"	Jul. 18, 1961	4	6	22	29	"	D	Gravel sand 34; limestone 63. Water at 62.
Con XIX	" 6 S. McDermit	"	Dec. 12, 1963	5	5	46	25	"	D, S	Sand 12; grey limestone 78. Water at 65.
Con XX	" 3 L. Arnold	"	Oct. 30, 1963	5	5	36	36	"	D, S	Clay hardpan 17; grey limestone 105. Water at 96.
Con XXI	" 3 M. Milne	D. Wright	May 17, 1962	4	9	7	7	"	D	Fine brown sand 1; grey limestone 30. Water at 17.
Carmarvon Twp.										
Con II	lot 23 K. Tiffer	S. & O. Wright	Sep. 5, 1963	5	5	18	18	Fresh	D	Silty clay 14; grey limestone 56; red blue shale 66. Water at 60.
Con III	" 25 L. Elliot	"	Jul. 10, 1963	5	1	107	60	"	D	Stony clay 11; limestone 117. Water at 82.
Con IV	" 18 R. Wyorn	"	Apr. 30, 1962	5	6	32	20	"	D	Loose rock 4; grey limestone 70. Water at 48.
Con V	" 19 Hospital	"	Jul. 23, 1960	5	8	30	30	"	P	Loam light soil 6; grey limestone 66. Water at 36.
Con VI	" 20 D. Kirk	"	Jun. 15, 1961	4	8	70	24	"	D	Old well 4; brown soil 21; bedrock hard limestone 70. Water at 40.
Con VII	" 20 J. Healey	"	Apr. 25, 1962	4	6	28	18	"	D	Light clay soil 12; grey rock 63. Water at 55.
Con VIII	" 20 P. Smith	"	Sep. 21, 1963	4	5	20	18	"	D	Light clay soil 12; grey limestone 45. Water at 32.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
MANITOULIN DISTRICT cont.										
Carmarvon Twp. - cont.										
Con IV lot 21	Dr. J. W. McQuay	S. & O. Wright	Aug. 5, 1961	6	6	115	30	Fresh	D	Light clay soil 11; white limestone 115; Water at 60.
Con IV lot 21	S. Wynan	"	Oct. 18, 1963	5	2	80	40	"	C	Grey limestone 124; Water at 54.
Con IV lot 21	H. Cooper	"	Nov. 14, 1963	5	1	45	30	"	D, S	Gravelly clay 7; grey limestone 130. Water at 115.
Con V lot 18	G. Palmer	"	Aug. 10, 1960	4	6	22	22	"	D	Grey limestone 60; Water at 55.
Con V lot 20	C. Gibson	"	Jul. 26, 1960	4	6	54	21	"	D	Sand 26; grey limestone 54. Water at 45.
Con V lot 20	Carling Bank	"	Sep. 28, 1960	4	3	41	20	"	F	Stony clay loam 16; grey limestone 56; Water at 46.
Con V lot 20	W. Cochrane	"	Jun. 8, 1961	4	2	28	15	"	D	Light loam 2; limestone 66. Water at 34.
Con V lot 20	Anglican Church	"	Jul. 4, 1962	4	6	21	21	"	D	Light clay soil 3; grey limestone 60; Water at 45.
Con V lot 20	M. Vanhorne	"	Sep. 2, 1963	4	5	17	17	"	D	Light clay soil 16; grey limestone 36. Water at 30.
Con V lot 20	Wynman Estate	"	Oct. 8, 1963	4	3	40	35	"	D	Light clay 15; grey limestone 50. Water at 45.
Con V lot 22	F. Palmer	"	May 9, 1962	4	1	110	22	"	D	Grey rock 8; rock hard limestone 110. Water at 35 and 55.
Con VII lot 1	A. Dryden	"	May 25, 1962	4	6	18	12	"	S	Hardened 8; grey limestone 48. Water at 43.
Con VII lot 4	G. White	"	Oct. 2, 1961	4	6	53	8	Sulphur	S	Grey limestone 73. Water at 24, 36 and 50.
Range A lot 20	W. Duxbury	D. Wright	Nov. 12, 1962	4	4	80	11	Fresh	D	Broken limestone 3; brown grey limestone 104. Water at 67.
Dawson Twp.										
Con IX lot 30	M. Wicket	S. & O. Wright	Sep. 15, 1960	4	5	75	50	Fresh	D, S	Hard grey limestone 115. Water from 80 to 90.
Con XI lot 23	L. Stephens	D. Wright	Sep. 9, 1961	4	4	14	54	"	D	Stones grey clay 16; gravel 29; grey limestone 80. Water at 57 and 74.
Con XI lot 23	L. Bailey	"	Sep. 20, 1961	4	4	50	44	"	D	Stones grey clay 14; gravel clay 24; grey limestone 70. Water at 55 and 62.
Con XI lot 23	N. MacDonald	"	Oct. 7, 1961	4	4	60	44	"	D	Grey clay stones 14; gravel 26; grey limestone 70. Water at 34 and 61.
Goat Island Unsurveyed										
Con Island Unsurveyed	K. V. P. Co. Ltd	S. & O. Wright	Jun. 22, 1960	5	6	12	12	Sulphur	In	Grey limestone 6; hard blue rock 65. Water at 55.
Gordon Twp.										
Con A lot 1	L. Greenman	S. & O. Wright	Aug. 27, 1963	4	5	14	14	Fresh	D	Grey limestone 30. Water at 18 and 28.
Con VII lot 12	C. Clark	D. Wright	Jan. 12, 1963	4						Brown clay small stones 10; blue clay stones 18; grey limestone 40; brown limestone 50; black shale 53. Dry hole.
Con VII lot 12	"	S. & O. Wright	Sep. 17, 1963							Top clay 34; grey limestone 18. Dry hole.
Con VII lot 21	B. Best	D. Wright	May 30, 1962	4						Brown clay 4; grey limestone 40; black shale 42; blue shale 46. Dry hole. Gas at 41.
Con VII lot 21	"	"	Jun. 4, 1962	4						Brown clay 1; grey limestone 20; brown limestone 25; grey limestone 36; black shale 39; blue shale 50. Gas at 39. Dry hole.
Con IX lot 5	T. Haywood	"	Feb. 7, 1963	4	3	13	13	Fresh	D	Grey clay boulders 5; grey limestone 30. Water at 13.
Con XIV lot 2	N. B. McDougall	"	Jul. 18, 1962	4						Grey clay 9; blue shale 26. Dry hole.
Range E lot 9	Ont. Prov. Police	C. Goodberry	Sep. 25, 1963	6	4	62	11	Fresh	P	Sand 8; limestone 70. Water at 20.
Howland Twp.										
Con I lot 1	School Area	D. Wright	Feb. 1, 1962	4	1	67	5	Fresh	N	Brown clay 8; black slate 22; silica 67. Water at 37.
Con I lot 1	"	"	Mar. 15, 1962	6						Brown clay 7; black slate 22; hard grey limestone 54; grey limestone 80; soft sandstone 91. Gas, salt water at 91.
Con I lot 1	"	"	Mar. 27, 1962	6	2	38	0	Salty Fresh	P	Brown clay 12; black slate 22; hard grey limestone Silica 31; Silica 40. Water at 4, 6 and 16.
Con I lot 1	"	"	Sep. 21, 1962	6	30	52	20	Sulphur	N	Brown clay 9; black slate 24; silica 50; bluish shale 52. Water at 28. clay broken black shale 4; black slate rock 36; silica 20; water at 40.
Con I lot 3	H. Hall	"	Sep. 8, 1962	4	5	36	36	Fresh	D	Brown clay 9; black slate 22; silica 67. Water at 37.

Location	W.P. - Cont.	Lot 3	J. Ferguson	D. Wright	Aug. 14, 1963	4	< 1	57	10	Fresh	N	Notes
Indian Reserve No. 26	Con I	" 3	"	"	Aug. 20, 1963	4	8	67	10	"	N	Brown clay small stone 7; black slate 25; silica 57. Water at 25.
Indian Reserve No. 26	Con I	" 3	"	"	Aug. 27, 1963	4	7	23	22	"	D	Brown clay small stone 8; black slate 25; silica 67. Water at 25.
Indian Reserve No. 26	Con I	" 3	"	"	Aug. 27, 1963	4	7	23	22	"	D	Brown clay stones 15; silica brown limestone 27; silica 32. Water at 27.
Indian Reserve No. 26	Con I	" 14	J. Burnett	"	Sep. 17, 1960	4	1	33	10	"	D	Brown clay shale 2; grey limestone 35. Water at 18.
Indian Reserve No. 26	Con I	" 35	E. Armstrong	"	Aug. 8, 1963	4	1	60	60	Salty	N	Grey clay boulders 15; blue shale 115. Water at 115.
Indian Reserve No. 26	Con VII	" 6	H. Hyatt	"	Jul. 6, 1961	4	1	54	35	"	N	Grey clay stones 15; black shale 48. Water at 30. Gas at 30.
Indian Reserve No. 26	Con VII	" 19	J. C. Blagg	"	Dec. 7, 1964	4	1	51	21	Fresh	N	Brown clay broken rock 10; grey limestone 55. Water at 51.
Indian Reserve No. 26	Con VII	" 19	C. Blagg	"	Sep. 2, 1963	5	1	20	21	Sulphur	N	Old drilled well 45; grey limestone 51. Water at 45.
Indian Reserve No. 26	Con VII	" 19	"	"	Sep. 16, 1963	4	1	34	20	"	N	Brown clay 2; black slate 25; grey limestone 34. Water at 28.
Indian Reserve No. 26	Con VII	" 19	"	"	Sep. 21, 1963	4	1	28	20	"	N	Brown clay 2; black slate 25; grey limestone 28. Water at 28.
Indian Reserve No. 26	Con VII	" 20	G. Collins	"	Sep. 14, 1960	4	1	20	8	Fresh	D	Brown clay stones 3; black shale 20; grey limestone 21. Water at 17.
Indian Reserve No. 26	Indian Reserve No. 26	" 26	Dept. of Indian Affairs	P. C. Hammond	Apr. 23, 1960	8	17	22	Flows	Fresh	P	Fill 10; topdrain 15; sand 20; medium gravel 41. Water from 29 to 41.
Indian Reserve No. 26	Indian Reserve No. 26	" 26	A. Trudeau	D. Wright	Jun. 30, 1961	4						Coarse gravel 12; quicksand 54; fine silt+ sand 92; grey shale 100. Water at 54 and 87.
Indian Reserve No. 26	Indian Reserve No. 26	" 26	V. Toulouse	"	Mar. 12, 1963	4			10	Salty	N	Blue clay small stones 17; blue shale 27. Water at 27.
Indian Reserve No. 26	Indian Reserve No. 26	" 26	Ont. Dept. of Public Works	S. & O. Wright	Sep. 25, 1963	5						Clay sand 75. Dry hole.
Little Current			Shell Oil Co.	S. & O. Wright	Jul. 26, 1962	5						Previously drilled 99; dark rock 175. Dry hole.
Mills Twp.	Con III	lot 23	A. Newland	S. & O. Wright	Sep. 29, 1962	5	6	60	53	Fresh	D, S	Clay stones 17; grey limestone 112. Water at 60 and 103.
Mills Twp.	Con VII	" 12	J. Wiseman	"	Jun. 25, 1963	5	6	65	54	"	D, S	Light topsoil 4; limestone 115. Water at 75.
Robinson Twp.	Con V	lot 1	R. P. Chambers	S. & O. Wright	Aug. 24, 1963	4	5	18	5	Fresh	D	Sand clay 50; grey limestone 54. Water at 52.
Robinson Twp.	Con V	" 2	D. Schellsteimer	"	Oct. 11, 1962	5	6	Flows	Flows	"	D	Gravel sandy clay 20; fine sand 43. Water from 30 to 43.
Robinson Twp.	Con V	" 2	M. T. Sands	"	Aug. 22, 1963	4	1	76	72	"	D	Sand clay 48; sand gravel. Water at 45.
Robinson Twp.	Con VII	" 11	M. Smith	D. Wright	Sep. 24, 1962	4	4	97	67	"	S	Brown clay 5; grey brown limestone 90. Water at 57 and 81.
Robinson Twp.	Con VII	" 23	A. Agaton	"	Oct. 23, 1961	4	2			"	D, S	Gravel 20; blue clay pebbles 55; grey limestone 97. Water at 93.
Robinson Twp.	Con VIII	" 13	F. Rumley	"	Nov. 9, 1963	4	4	65	50	"	D, S	Brown clay stones 15; blue clay 31; grey limestone 100. Water at 50 and 80.
Robinson Twp.	Con VIII	" 25	M. Trick	"	Dec. 19, 1963	4	2	110	44	"	D, S	Brown clay stones 10; blue clay stones 26; grey brown limestone 120. Water at 92 and 108.
Robinson Twp.	Con X	" 22	L. Johnston	"	Jun. 28, 1962	4	5	35	30	"	D	Old well 12; grey clay 22; sandy clay 68; gravel 70. Water at 70.
Sandfield Twp.	Con I	lot 4	E. L. Paisley	S. & O. Wright	Jun. 15, 1960	4	6	35	20	Fresh	D, S	Top clay stones 11; grey limestone 83. Water from 68 to 70.
Sandfield Twp.	Con III	" 7	J. Kyle	D. Wright	Nov. 30, 1962	4	2	40	29	"	D	Brown clay gravel 9; grey limestone 30; brown limestone 40; grey limestone 50. Water at 50.
Sandfield Twp.	Con VI	" 27	L. L. Williamson	S. & O. Wright	Oct. 26, 1962	5	5	30	16 1/2	"	D	Clay loose rock 4; hard grey limestone 51. Water at 45.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MANITOULIN DISTRICT - cont.										
Con I Shegulandah Twp. lot 21	G. Holmes	D. Wright	Nov.15,1963	4	<1	25	20	Sulphur	D	Blue clay stones 8;grey limestone 40;shale limestone 48. Water at 28.
Con III " 21	W. Arnold	"	Sep.30,1963	4	<1	40	38	Salty	N	Grey clay 3;grey limestone 35;blue shale 70. Water at 35.
Con III " 21	"	"	Oct. 5,1963	4			32	Fresh	N	Grey clay stones 5;grey limestone 30;blue shale 40. Water at 26.
Con XIII " 19	E.N. Wagley	"	Jan.13,1962	4	1	97	20	"	D	Brown clay 4;shaly limestone 30;blue shale 100. Water at 30.
Mill Site " 2	G. Cannard	"	Aug.19,1960	4	1	59	15	"	D,C	Loam gravel 3;brown clay 30;Silica 61. Water at 40.
Mill Site " 9	G. Halcrow	"	Aug.24,1960	4	1	38	6	"	D	Gravel,loam 2;shale clay 16;green rock 28;black rock 35;green rock 36;black clay 40. Water at 15 and 28.
Mill Site " 3	J. Ferguson	"	Sep. 2,1960	4	1 1/2	43	30	"	D	Broken black shale loam 3;black shale 71;Silica 30;hard grey limestone 45. Water at 36.
Shegwaning Indian Reserve # 20	Dept. of Indian Affairs	D. Wright	Sep. 2,1961	5	22	75	20	Salty	N	Sandy loam 2;grey clay 9;grey clay boulders 10;grey limestone 59;black shale grey limestone 65;grey limestone 75. Water at 37 and 75.
Shegwaning Indian Reserve # 20	"	"	Nov.24,1961	5	10	18	15	Fresh	P	Brown clay 4;brown limestone 15;grey limestone 40. Water at 30.
Tehkummah Twp. Con A " 30	V. Bryant W. Quackenbush	S. & O. Wright D. Wright	Aug.11,1962 Aug.22,1962	4 4	6 1	28 44	27 15	Fresh	D D	Light clay soil 4;grey rock 154. Water at 150. Brown clay boulders 15;grey clay gravel small stone 40;grey clay gravel streaks 50. Water at 44.
Con B " 13	R. Leeson	S. & O. Wright	May 19,1962	4	6	60	20	"	D	Hardpan 3;grey limestone 60. Water at 45.
Con I " 9	M. Hopkin	"	Jun. 7,1960	4	5	20	20	"	D	Soil 5;grey limestone 60. Water at 50.
Con II " 6	Ont. Dept. of Highways	F.E. Johnston Drilling Co. Ltd	Jan. 8,1960	5	10	12	8	"	P	Brown clay sand 9;blue clay 10;hard grey limestone 38. Water at 32.
Con II " 10	Twp. School Area	S. & O. Wright	Jun. 3,1961	6	8	45	40	"	P	Clay stones 35;grey limestone 112. Water at 100.
Con II " 10	R. Russel	"	Oct. 4,1963	5	5	65	65	"	D	Stones hardpan 2;grey limestone 100. Water at 95.
Con III " 10	J.C. Hall	"	May 24,1960	4	6	83	65	"	D	Boulder soil 4;hardpan small stones 49;grey limestone 105. Water at 95.
Con III " 11	V. Anetice	"	Aug. 9,1961	4	12	30	30	"	D,S	Soil clay rocks 21;grey limestone 63. Water at 55.
Con III " 11	I. Duckburry	"	Jun. 1,1960	4	6	79	57	"	D	Clay boulders 42;hard limestone 93. Water at 85.
Con III " 15	J. Hunter	D. Wright	Nov. 5,1960	4	6	22	22	"	D,S	Brown clay stone 1;soft brown clay 28;grey limestone 70. Water at 46 and 53.
Con IV " 17	O. Hall	"	May 10,1962	4	5	20	18	"	D,S	Brown gravelly clay boulders 20;grey gravelly clay boulders 34;grey limestone 58. Water at 50.
Con VII " 2	S. Blue	"	Jul.16,1960	4	6	38	30	"	D	Brown clay stones 10;blue clay stones 15;grey limestone 50. Water at 42.
Con VIII " 30	W. Quackenbush	"	May 30,1963	4	1 1/2	55	13	"	D,S	Previously drilled 50;soft blue clay streaks sand 57;brown limestone 65. Water at 61.
Con XII SBM TP	H. Baxter	S. & O. Wright	Sep.21,1962	4	6	120	24	"	P	Grey limestone 140. Water from 35 to 60.
SBM TP	Community Hall	"	Oct. 3,1960	4	5	16	15	"	P	Grey limestone 60. Water at 45.
SBM TP	W. Smith	"	Oct. 14,1961	4	5	40	8	"	P	Fill 1 1/2;white limestone 50. Water at 25 and 35.
SBM TP	G. Sibbey	"	Nov.12,1962	4	6	25	5 1/2	"	D	Loose rock 3;grey limestone 55. Water at 48.
SBM TP	G. Sisson	"	Nov.20,1963	4	3	18	12	"	D	Grey limestone 53. Water at 45.
SBM TP	C. Bennett	"	Nov.26,1963	4	5	24	17	"	D	Clay fill 64;grey limestone 41. Water at 45.
SBM TP	K. Leeson	"	Nov.29,1963	4	5	21	6	"	D	Grey limestone 57. Water at 48.
Whitefish River Indian Reserve	Dept. of Indian Affairs	D. Wright	May 8, 1961	6	1 1/2	54	21	"	P	Red clay boulders 19;greenish limestone 36;hard Silica 61. Water at 36.

lot 8	F. Brent	A.A. Heal	Feb. 21, 1962	3	4	20	13 ¹	Fresh	D, S	Old well 17; sand 31. Water from 17 to 21. Brown clay 15; blue clay 20; sand 57. Water from 50 to 57. Brown clay 15; blue clay 5; grey sand 65. Water at 55. Brown clay 15; blue clay 5; grey sand 100. Water from 90 to 100.
17	B. Fecems	R. Smith	Dec. 15, 1961	2	12	30	45	"	D, S	Brown clay 15; blue clay 5; grey sand 65. Water at 55. Brown clay 15; blue clay 5; grey sand 100. Water from 90 to 100.
18	G. Walker	"	Dec. 6, 1961	2	5	45	72	"	D, S	Brown clay 15; blue clay 5; grey sand 65. Water at 55. Brown clay 15; blue clay 5; grey sand 100. Water from 90 to 100.
21	T. Elliott	"	Jul. 24, 1961	2	8	72		"	D, S	Brown clay 15; blue clay 5; grey sand 65. Water at 55. Brown clay 15; blue clay 5; grey sand 100. Water from 90 to 100.
24	S. Newell	Dolphin & Earl	Mar. 2, 1961	2	3	75	65	"	D, S	Red clay 15; blue clay 75; sand 85. Water from 75 to 85. Clay 21; fine sand 24; hard sand 36; fine sand 61; clay 8; clay stones 99; limestone 113. Water from 110 to 113. Topsoil yellow clay 12; blue clay 32; fine sand 47. Water from 32 to 47.
5	H. Reynell	S. Earl	May 28, 1962	4	15	20	1 ¹	Sulphur	D	Clay 21; fine sand 24; hard sand 36; fine sand 61; clay 8; clay stones 99; limestone 113. Water from 110 to 113. Topsoil yellow clay 12; blue clay 32; fine sand 47. Water from 32 to 47.
13	C.W.E. Wright	A.A. Heal	Aug. 13, 1962	5	6	36	18	Fresh	D, S	Yellow topsoil 15; sandy clay 48; clay sand 83; gritty clay 91; grey shale 112. Dry hole.
8	R. Arrand	"	Apr. 29, 1963	4					D, S	Yellow topsoil 16; sandy clay 27; sand 30; sandy clay 39; clay 72; sandy clay 94; soft limestone 80. Water at 78.
3	"	"	May 1, 1963	4	5	40	24	Fresh	D, S	Blue clay 94; soft limestone 80. Water at 78.
1	C. Devet	R. Smith	Jun. 6, 1963	5	10	90	70	"	D, S	Blue clay 94; soft limestone 80. Water at 78.
7	B. Buxley	A.A. Heal	Mar. 17, 1962	4	4	41	40	"	D	Topsoil yellow clay 44; blue clay 45; gravel 50. Water at 45. Topsoil sandy clay 26; blue clay 65; sandy clay 86; grey rock 92; topsoil 115. Water at 90.
2	B. Baxter	"	May 24, 1962	4	1	90	65	"	N	Topsoil sandy clay 26; blue clay 65; sandy clay 86; grey rock 92; topsoil 115. Water at 90.
2	R. Garalde	"	May 25, 1962	4					D	Topsoil sandy clay 26; blue clay 65; sandy clay 86; grey rock 92; topsoil 115. Water at 90.
6	B. Rackberry	Dolphin & Earl	Oct. 8, 1963	4	8	75	40	Fresh	D	Grey clay 123; hard brown rock 131. Water at 131. Topsoil yellow clay 13; blue clay 13; blue clay 75; sandy clay 82; sand 88.
3	"	A.A. Heal	Mar. 2, 1960	4	3	77	36	"	D	Water from 18 to 88.
2	R. Smith	R. Smith	Oct. 10, 1962	5	10	40	35	"	D, S	Brown clay 18; blue clay 60; sand 66. Water at 62.
5	C. Reid	A.A. Heal	Apr. 14, 1960	4	6	20	15	"	D	Old well 15; blue clay 125; gravel 130; soft limestone 132.
6	R. Brock	"	Jul. 25, 1963	4	10	20	18	Sulphur	D	Water at 125 and 130.
9	J. Houben	S. Earl	May 25, 1963	3	3	44	33	Fresh	D, S	Clay 32; sand stones 16; clay 83; hard brown 129; grey shale 144. Water from 160 to 164.
9	C. Galsworthy	A.A. Heal	Sep. 18, 1963	4	4	48	35	"	D, S	Old well 40; sand 54. Water from 50 to 54.
10	F. Brent	"	Jul. 26, 1963	4	3	29	22	"	D	Yellow topsoil 15; blue clay 24; sand 35. Water from 28 to 35.
11	D. Brooks	R. Smith	May 27, 1961	2	2 ¹	28	25	"	C	Brown clay 16; blue clay 44; fine sand 50. Water from 44 to 50.
11	D. Simon	A.A. Heal	Jul. 27, 1963	4	4	28 ¹	25	"	D	Yellow topsoil 15; blue clay 23; sand 36. Water from 30 to 36.
15	S. Handelman	"	Feb. 9, 1961	4	5	55	34	"	S	Topsoil yellow clay 15; blue clay 56; sand 73. Water from 56 to 73.
20	A. Clarke	Dolphin & Earl	May 23, 1963	4	5	79	28	"	F	Yellow clay 15; blue clay 85; sand 103. Water from 98 to 103.
21	C. Wardell	R. Smith	Oct. 10, 1960	2	12	68		"	D, S	Brown clay 18; blue clay 60; sand 72; black fine sand 85. Water at 72.
22	W. O'Brien	Dolphin & Earl	Nov. 20, 1961	4	3	71	35	"	P	Yellow clay 18; blue clay 96; sand 101. Water at 98 and 101.
30	L. Weirs	R. Smith	Aug. 12, 1960	2	5	26		"	D	Brown clay 16; blue clay 31; fine brown sand 36; coarse sand 49. Water at 36; blue clay 55; sand 64. Water at 55.
31	A.E. Daniels	"	Aug. 9, 1962	2	9	60	38	"	P	Brown clay 22; blue clay 55; sand 64. Water at 55.
3	R. Chambers & Son	Dolphin & Earl	Oct. 18, 1961	4	2 ¹	60		Flows	D, S	Yellow clay 20; blue clay 85; sand 103. Water from 103 to 105 and at 107.
16	B. Dortmans	R. Smith	Sep. 8, 1963	5	15	70	28	"	D, S	Yellow clay 20; blue clay 85; sand 103. Water from 103 to 105 and at 107.
20	J. Stokman	"	Apr. 1, 1961	2	12	68		"	D, S	Yellow clay 20; blue clay 85; sand 103. Water from 103 to 105 and at 107.
21	B. Wardell	"	Aug. 5, 1963	2	3	40	30	"	D	Old well 18; blue clay 74; medium sand 70. Water from 34 to 70.
22	R. Thorne	Dolphin & Earl	Jun. 7, 1960	2	3	40	39	"	P	Brown clay 20; blue clay 49; sand 60. Water at 48.
22	"	R. Smith	Jun. 29, 1960	2	10	38		"	P	Red clay 10; blue clay 35; sandy hard brown 40; sand 45. Water from 40 to 45.
22	D. Penrose	"	Nov. 25, 1960	2	6	38		"	D	Brown clay 18; blue clay 40; brown sand 45; black sand 58. Water from 45 to 58.
22	W. Murray	Dolphin & Earl	Aug. 30, 1961	4	4	78	25	"	P, S	Clay 44; black sand 56. Water at 44.
23	J. Butler	R. Smith	Jul. 1, 1960	2	10	28		"	D	Yellow clay 18; blue clay 69; yellow hard sand 72; sand 92. Water from 78 to 82.
									D	Hard clay 10; sand 26; sand 38. Water at 28.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
Adelaide Twp. - cont.										
SER Con II lot 23	M. McDonald	R. Smith	Dec. 4, 1961	4	6	45	27	Fresh	D, S	Brown clay 26; brown sand 38; grey sand 53; Water at 38.
SER Con II lot 24	F. Slater	"	Aug. 4, 1962	4	8	60	35	"	D	Brown clay 15; blue clay 30; sand 70. Water at 70.
SER Con II lot 26	B. Nathcott	"	Oct. 1, 1960	2	9	26	26	"	D, S	Very fine grey sand 85; grey clay 88; grey sand clay streaks 114; pink clay 140; grey clay coarse gravel 143; muddy fine sand coarse gravel 150; dark brown limestone blue clay 208; mucky sand gravel 214; black muddy shale 217; dark brown limestone 220. Water at 219.
SER Con II lot 27	G. Downham	W.E. Locker	Apr. 9, 1962	5	8	90	22	Sulphur	D, S	Yellow clay 20; blue clay 50; hardpan clay 151; hard grey rock 153. Water at 153.
SER Con III	J. Earley	Dolphin & Earl	Aug. 8, 1961	4	4	70	40	Fresh	D, S	Brown clay 16; blue clay 60; fine sand 70. Water from 60 to 70.
SER Con III	P. Groote	R. Smith	Jul. 30, 1961	2	3	80	54	"	D, S	Yellow clay 16; blue clay 60; grey sand 70; sand 84 1/2. Water from 70 to 84 1/2.
SER Con III	C. Ward	R. Smith	Oct. 31, 1963	5	10	65	50	"	D, S	Brown clay 20; blue clay 60; fine sand 75; coarse sand 80. Water from 75 to 80.
SER Con III	R. Kingman	"	Nov. 6, 1961	2	8	16	16	"	D, S	Brown clay 16; yellow clay sand 40; coarse sand 60. Water at 40.
SER Con III	M. Strybosch	"	Oct. 3, 1961	2	3	40	40	"	D	Brown clay 24; blue clay 35; sand 50; grey sand 58. Water from 50 to 58.
SER Con IV	F. Galbraith	Dolphin & Earl	Jul. 27, 1961	4	4	40	35	"	D, S	Yellow clay 16; sand 22; blue clay 120; hardpan 130; gravel. Water from 128 to 130.
SER Con IV	G. Galbraith	"	Nov. 15, 1963	4	3	70	33	"	D	Red clay 10; sand 28; blue clay 123; gravel 124. Water at 123.
SER Con IV	I. Ponger	A.A. Heel	Jul. 21, 1961	3	2	30	18	"	D	Tonsill yellow clay 18; fine sand 31. Water from 18 to 31.
SER Con IV	L. Parker	R. Smith	Oct. 27, 1962	5	10	55	36	"	D, S	Brown clay 22; blue clay 50; sand 76. Water at 58.
SER Con V	B. Maher	Dolphin & Earl	Oct. 7, 1963	4	6	60	46	Sulphur	D, S	Blue clay 124; hardpan 131; grey rock 147. Water at 147.
SER Con V	G. Foster	S. Earl	Jun. 6, 1962	4	10	40	30	Fresh	D	Clay 4; sand 22; clay 92; hardpan 114; stones 117; black shale 120. Grey shale 164. Water at 164.
SER Con V	C. Ordman	A.A. Heel	Sep. 14, 1963	4	4	57	45	"	D	Yellow tonsill 14; sandy clay 36; blue clay 127 1/2; soft grey limestone 130. Water at 128.
SER Con V	M. Morgan	"	Jan. 10, 1963							Tonsill sandy clay 12; sand 24; muddy sand 55; clay 135; soft rock 136; grey shale 187. Dry hole.
SER Con V	"	"	Jan. 15, 1963	3	1		20	Fresh	D	Tonsill sandy clay 11; sand 32; muddy sand 41 1/2. Water from 26 to 30.
SER Con V	"	"	Jul. 30, 1962	3	1 1/2	38	18	"	D	Old well 14; sand 39. Water from 13 to 35.
SER Con V	C. Patterson	"	Aug. 8, 1962	3	1	30	18	"	D	Old well 9; blue clay 25; sand 31; clay stud streaks 39. Water from 25 to 37.
SER Con V	L. Nugteren	W. Dale	Apr. 18, 1961	2	4	15	15	"	D, S	Old well 18; sand 29. Water from 18 to 29.
Ailsa Craig Village Co.	Bell Telephone	J.B. Johnston	Sep. 10, 1960	5	5	39	31	Sulphur	P	Tonsill 1; red clay 9; sandy silt 10; blue clay 62; dark shale 90. Water from 87 to 90.
Ailsa Craig Village	A. McKay	"	Sep. 15, 1960	4	2 1/2	80	33	"	D	Tonsill 1; red clay 10; sand silt 13; blue clay 89; dark shale 92. Water from 90 to 92.
Ailsa Craig Village	W.W. Wodsworth	Hanco Well Drilling	Dec. 7, 1960	30		63	52	Fresh	D	Tonsill 1; brown clay 6; blue grey clay 62; gravel boulders 64. Water at 52 and 62.
Ailsa Craig Village	M. Derring	W. Dale	Aug. 8, 1961	5	6	86	85	Sulphur	D	Previously drilled clay 22; blue clay 65; stones clay 81; Subsoil 2; gravel 88; grey clay 89; water from 88 to 89.
Ailsa Craig Village	C. Zavitz	"	Jun. 20, 1963	5	7 1/2	51	27	Fresh	D	Soft grey shale 68; grey limestone 89. Water from 88 to 89.
Ailsa Craig Village	C. Scarrow	W.D. Hopper & Sons	Jul. 26, 1963	4	4	120	110	Sulphur	D	Dark grey sand, yellow clay 10; blue clay 90; hardpan 106; loose rock 144. Water from 142 to 144.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Caradoc Twp. - cont.										
Con I	J. Bersenas	M. Babluk	May 3, 1961	30	3		34	Fresh	Ir	Brown topsoil 20; brown sand 40; grey sand 50; grey clay 52. Water at 34.
Con II	R. Lambert	J.H. Weaver & Son	Sep. 14, 1963	1	8		12	"	D,S	Old well 15; blue quicksand 18; blue clay 19; blue quicksand 30. Water at 34.
Con II	H. McCracken	"	Dec. 4, 1963	1	8		12	"	S	Old well 16; blue quicksand 30. Water at 12.
Con II	C.E. Trott	"	Jun. 24, 1963	1	5		12	"	D	Old well 1; brown quicksand 26. Water at 12.
Con II	H. Berko	"	Oct. 5, 1963	1	8		10	"	Ir	Old well 10; brown sand 13; blue clay 15; blue quicksand 20. Water at 10.
Con II	G. Crandall	"	Sep. 19, 1963	1	5		17	"	D	Old well 16; blue clay 25; blue quicksand 33. Water at 17.
Con II	M. Carruthers	"	Sep. 25, 1963	1	8		15	"	S, Ir	Old well 20; blue quicksand 35. Water at 15.
Con II	C.E. Trott	"	Aug. 25, 1962	1	6		9	"	D	Topsoil 1; yellow sand 5; white sand 16. Water at 9.
Con II	Twp. School	"	Oct. 1, 1962	1	20		10	"	F	Topsoil 1; yellow sand 5; white sand 10; brown sand 20. Water at 10.
Con II	J.D. Henderson	"	Dec. 12, 1962	1	5		8	"	D	Topsoil 1; yellow sand 8; brown sand 16. Water at 8.
Con II	R. Van Hecke	"	Nov. 5, 1963	1	8		10	"	D, Ir	Old well 12; grey quicksand 21. Water at 10.
Con II	A. Van Hecke	"	Nov. 8, 1963	1	8		11	"	D	Old well 12; brown quicksand 18. Water at 11.
Con II	E. Pierce	"	Oct. 21, 1963	1	5		20	"	D,S	Old well 22; brown sand 32; grey sand 37. Water at 20.
Con III	B. Sutherland	"	Jan. 5, 1961	1	8		20	"	D,S	Old well 23; brown quicksand 30; coarse grey quicksand 48. Water at 20.
Con III	A. Trott	"	Sep. 18, 1963	1	8		17	"	S, Ir	Old well 20; blue quicksand 35. Water at 17.
Con III	S. Clark	"	Sep. 27, 1963	1	5		18	"	D,S	Old well 20; blue clay 28; blue quicksand 35. Water at 18.
Con III	L. Hutton	"	Oct. 23, 1963	1	8		21	"	D,S	Old well 22; grey quicksand 37. Water at 21.
Con III	R.G. Lowthian	"	Nov. 5, 1962	1	8		19	"	D,S	Topsoil 1; yellow clay 6; brown clay 15; blue clay 19; blue sand 30. Water at 19.
Con III	Dr. H. Gough V.S.	"	Oct. 4, 1962	1	8		17	"	D	Topsoil 1; brown clay 10; blue clay 15; brown sand 17; blue quicksand 26; blue sand 29. Water at 17.
Con III	M. Carruthers	"	May 9, 1963	1	8		15	"	D	Old well 20; brown quicksand 30; blue quicksand 35. Water at 15.
Con III	"	"	Dec. 17, 1961	1	8		4	"	D	Old well 4; brown sand 12; grey quicksand 18; hardpan 19; white sand 29. Water at 4.
Con III	W. Wilcox	"	Nov. 12, 1963	1	8		20	"	D,S	Old well 20; brown sand 28. Water at 20.
Con III	J. Szeremek	"	Nov. 15, 1963	2	13		40	"	D, Ir	Old well 25; blue clay 40; brown fine gravel 50. Water at 40.
Con IV	D. Dow	W. Marsh	Oct. 26, 1962	4	10		60	"	D,S	Top clay 12; quicksand 40; hardpan 183; sand gravel 192. Water from 183 to 192.
Con IV	H. Wardenier	"	Oct. 27, 1961	4	5		33	"	D	Old well 18; grey sand 41. Water from 34 to 41.
Con IV	L. Vandenaussche	"	Oct. 23, 1961	4	5		29	"	D	Old well 18; yellow sand 33. Water from 30 to 33.
Con IV	O. Welke	J.H. Weaver & Son	Sep. 22, 1961	1	8		12	"	D,S	Old well 15; brown quicksand 30; blue quicksand 39. Water at 12.
Con IV	J. Zybusa	"	Mar. 21, 1960	2	8		22	"	D, Ir	Old well 5; yellow sand 22; yellow quicksand 38; brown sand 44. Water at 22.
Con IV	E. Howe	"	Dec. 9, 1961	1	8		12	"	D,S	Old well 15; brown sand 20; brown hardpan 21; blue sand 34. Water at 12.
Con IV	R. Oliver	"	Oct. 15, 1963	1	5		18	"	D,S	Old well 20; blue quicksand 35. Water at 18.
Con IV	W. Thomas	"	Oct. 28, 1963	1	8		8	"	D,S	Old well 15; blue quicksand 27. Water at 8.
Con IV	O. Sutherland	"	Jan. 12, 1961	1	8		10	"	S, Ir	Old well 14; brown quicksand 20; blue clay 21; blue quicksand 39. Water at 10 and 21.
Con IV	M. Duch	"	Dec. 20, 1963	1	4		18	"	D	Old well 18; blue mott. sand 33; blue quicksand 40. Water at 18.
Con IV	W. Plaine	"	Oct. 25, 1963	1	8		20	"	D,S	Topsoil 22; blue quicksand 35. Water at 20.
Con IV	T. Blaszyk	"	Apr. 21, 1960	1	8		6	"	D, Ir	Topsoil 1; yellow sand 6; brown sand 9; blue clay 10; grey quicksand 25; blue clay 26; grey quicksand 35; blue clay 35. Water at 6, 18, and 26.
Con IV	L. Cieslar	"	Mar. 9, 1960	1	8		20	"	D, Ir	Topsoil 1; yellow sand 8; blue clay 20; brown quicksand 24; blue clay 25; blue quicksand 36. Water at 25.

Cardoc Twp. cont.	lot 13	H. Butcher	J.H. Weaver & Son	Nov. 20, 1963	2	8	11	Fresh	S	
Con IV	" 15	J. Varga	"	Apr. 4, 1961	1	8	17	"	D, Ir	Old well 15; blue clay 27; blue quicksand 35. Water at 11 and 27.
Con V	" 3	H. White	"	Sep. 24, 1962	1	5	12	"	D, Ir	Topsoil 1; yellow sand 4; brown clay 9; white sand 17; brown quicksand 24; blue clay 25; blue quicksand 32. Water at 17.
Con V	" 4	W. Stephenson	"	May 18, 1962	1	8	16	"	D, Ir	Topsoil 1; yellow sand 9; white sand 12; brown sand 18; blue sand 28. Water at 12.
Con V	" 5	P. Derbyshire	"	Nov. 9, 1963	1	8	14	"	S	Old well 12; sand 16; brown quicksand 28. Water at 16.
Con V	" 7	H. Hardy	"	Dec. 14, 1961	1	8	16	"	D, S	Old well 16; brown sand 26. Water at 14.
Con V	" 13	J. Gas	"	Dec. 24, 1963	1	8	18	"	D, S	Old well 18; brown sand 23; horizon 24; blue quicksand 34. Water at 16.
Con V	" 18	S. Kovac	"	May 11, 1961	1	8	10	"	D, S	Old well 20; blue patty sand 28; blue clay 29; blue quicksand 40. Water at 18.
Con V	" 23	G. Bolton	R. Smith	Jun. 6, 1960	2	3	44	"	D, Ir	Topsoil 1; yellow sand 10; brown quicksand 16; brown clay 17; blue quicksand 31. Water at 10 and 17.
Con VI	" 1	M. Moore	R. Hudson	Oct. 23, 1963	36	3	44	"	D	Brown clay 15; blue clay 35; fine sand 64. Water from 57 to 64.
Con VI	" 5	H. Noorenberghe	J.H. Weaver & Son	Sep. 21, 1962	1	5	20	"	N	Sand 15; quicksand 20; blue clay 23. Water at 15.
Con VI	" 6	J. Rombout	"	Jul. 31, 1963	1	8	19	"	D, Ir	Old well 20; brown sand 31; blue sand 40. Water at 20.
Con VII	" 5	C. Maer	S. Earl	Aug. 2, 1960	4			"	D, Ir	Topsoil 1; yellow sand 6; brown clay 16; white sand 19; brown sand 29. Water at 19.
Con VII	" 11	A. Lamont & Son	J.H. Weaver & Son	Jan. 19, 1963	1	8	12	"	D, S	Red sand 11; blue clay 20; fine grey sand 22; blue clay 212; grey shale 216. Dry hole.
Con VII	" 24	D. McLean	R. Hudson	Jun. 2, 1962	36	4	19	"	D	Fit 6; sand 12; patty sand 20; blue clay 28; brown quicksand 40. Water at 12 and 28.
Con VIII	" 3	O. Mathys	Dolphin & Earl	Dec. 12, 1960	4	10	30	"	D, Ir	Brown clay 4; blue clay 18; sandy clay 20; hard clay 22; quicksand 26. Water at 18.
Con VIII	" 9	X. Ur	J.H. Weaver & Son	Mar. 19, 1962	1	8	17	"	D, Ir	Red sand 57; blue clay 170; horizon 184; gravel 185. Water at 185.
Con VIII	" 11	M. Kohlruess	"	Aug. 22, 1961	1	8	11	"	D	Topsoil 1; yellow sand 17; brown sand 27. Water at 17.
Con VIII	" 11	A. Vanderjeugd	"	Jul. 24, 1963	1	8	14	"	D	Topsoil 1; yellow sand 5; white sand 11; brown quicksand 28. Water at 11.
Con VIII	" 12	T. Brandies	"	May 23, 1961	1	8	15	"	D	Topsoil 1; yellow sand 6; white sand 14; brown quicksand 26. Water at 14.
Con VIII	" 23	O. Skinner	Dolphin & Earl	Nov. 8, 1961	4	1 1/2	29	"	D, Ir	Topsoil 1; yellow sand 5; white sand 15; brown sand 35. Water at 15.
Con VIII	" 23	"	J.H. Weaver & Son	Jan. 8, 1963	1	5	19	"	D, S	Clay sand 6; yellow clay 17; sand 32. Water from 20 to 32.
Con IX	" 1	M. Rowe	R. Hudson	Aug. 13, 1962	36	1	17	9 1/2	S	Pit 5; brown clay 15; white sand 19; brown quicksand 30. Water at 19.
Con IX	" 1	E. Denning	Dolphin & Earl	Jun. 22, 1963	4	20	20	7 1/2	D	Brown sand 8; grey clay 12; quicksand 16; blue clay 18; quicksand 20. Water at 8.
Con IX	" 1	J. Brady	S. Earl	Sep. 26, 1963	4	10	32	11	D	Yellow clay 3; sand 44; blue clay 124; gravel 127. Water at 30 and from 124 to 127.
Con IX	" 2	S. Szintal Sr.	J.H. Weaver & Son	Sep. 29, 1962	2	6	25	"	D	Red sand 11; clay fine sand 34; clay 130; horizon 155; grey shale 164. Water at 130 and 155.
Con IX	" 3	J. Payne	S. Earl	Oct. 12, 1963	4	1 1/2	130	9	D, S	Topsoil 1; yellow sand 13; brown sand 15; blue clay 25; blue quicksand 30. Water at 13 and 25.
Con IX	" 3	"	"	Oct. 7, 1963	4	1 1/2	150	100	D	Sand 12; clay sand 36; clay 161; horizon 210; grey shale 212. Water from 161 to 163.
Con X	" 3	J. Schredl	W. Dale	Apr. 12, 1961	5	1	158	18	D	Sand 12; clay sand 35; clay 164; horizon 224. Water at 144.
Con X	" 3	G. DeTroyer	J.H. Weaver & Son	Apr. 12, 1963	1	8	12	"	D, S	Yellow sand 9; quicksand 28; clay 190; shale 210. Water from 206 to 210.
Con X	" 19	C. Phillip	Dolphin & Earl	Jun. 8, 1962	4	1 1/2	57	30	D, Ir	Old well 18; brown sand 32. Water at 12.
Con X	" 24	G. Lewis	R. Smith	Jul. 29, 1963	4	12	44	38	D	Clay 1; sand 52. Water from 49 to 51.
LN Range I	" 2	R. Carruthers	HadcoWell Diggings	Mar. 13, 1962	30	8	28	8	D, S	Brown clay 24; blue clay 50; sand 65. Water at 50.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Oradoc Twp. - cont. LEN Range I lot 21 LEN Range I " 24	T. Anderson London P.U.C.	R. Hudson International Water Supply Ltd.	Jun. 7, 1962 Mar. 22, 1962	36 5	1	14	8	Fresh	D T 18-62	Topsoil 2; sand 6; quicksand 10; blue clay 16. Water at 8. Topsoil 5; brown sand and fine gravel 15; coarse gravel coarse sand 20; grey clay silt 23; grey clay fine gravel 45; grey clay coarse gravel silt 67; dark grey limestone 73; grey clay fine gravel silt 88; fine gravel silt backed hard 109; fine gravel silt clay 151; dark grey soft shale 134. Topsoil 4; brown sand and fine gravel 9; coarse gravel coarse sand 13; grey clay fine gravel silt 84; coarse gravel coarse sand silt 112; grey clay fine gravel 117; dark grey clay shale 136. Clay 160; hardpan 193; gravel 203. Water from 193 to 203. Old well 12; sand 24; quicksand 29; blue clay 39; sandy clay 48; sand 55; blue clay 61. Water from 49 to 53. Topsoil 2; red clay 14; blue clay 94; hardpan 118; grey shale 130; brown grey shale 190. Dry hole.
LEN Range I " 24	"	"	Mar. 27, 1962	5					T 20-62	Topsoil 4; brown sand and fine gravel 9; coarse gravel coarse sand 13; grey clay fine gravel silt 84; coarse gravel coarse sand silt 112; grey clay fine gravel 117; dark grey clay shale 136. Clay 160; hardpan 193; gravel 203. Water from 193 to 203. Old well 12; sand 24; quicksand 29; blue clay 39; sandy clay 48; sand 55; blue clay 61. Water from 49 to 53. Topsoil 2; red clay 14; blue clay 94; hardpan 118; grey shale 130; brown grey shale 190. Dry hole.
LEN Range I " 10 LEN Range I " 13 LEN Range II " 20	E. Bateman J. Pekete R.W. Richardson	S. Earl W. Hale J.B. Johnston	Mar. 30, 1961 Sep. 17, 1963 Nov. 10, 1963	4 4 4 1/2	2 1	58	Flows 9	Fresh "	D D D	Topsoil 4; brown sand and fine gravel 9; coarse gravel coarse sand 13; grey clay fine gravel silt 84; coarse gravel coarse sand silt 112; grey clay fine gravel 117; dark grey clay shale 136. Clay 160; hardpan 193; gravel 203. Water from 193 to 203. Old well 12; sand 24; quicksand 29; blue clay 39; sandy clay 48; sand 55; blue clay 61. Water from 49 to 53. Topsoil 2; red clay 14; blue clay 94; hardpan 118; grey shale 130; brown grey shale 190. Dry hole.
Delaware Twp. BF lot B	Thornton Pro- perty, London P.U.C.	International Water Supply Ltd.	Oct. 2, 1961	5					T 41-61	Topsoil 2; hard packed gravel clay 20; grey clay fine gravel 60; coarse gravel coarse sand 65; hard clay gravel 89; soft grey shale 96.
BF " B	"	"	Oct. 4, 1961	5					T 42-61	Topsoil 3; coarse gravel boulders 5; hard cemented gravel boulders 23; soft grey clay fine gravel 65; hard cemented gravel 87; soft grey shale 94.
BF " D	J. Madill	J.B. Johnston	Jul. 12, 1962	4	4	168	116	Fresh	D	Topsoil 2; grey clay 13; red sand 86; blue clay 114; sand silt 182; gravel 186. Water from 182 to 186.
Con D " 1	London P.U.C.	International Water Supply Ltd.	Dec. 15, 1961	5					T 48-61	Topsoil 3; brown sand fine gravel 19; hard cemented fine gravel 21; grey clay silt 76; dark grey shale limestone 80.
Con D " 1	"	"	Dec. 20, 1961	5					T 49-61	Topsoil 2; coarse sand coarse gravel 14; gravelly silt coarse gravel 62; cemented gravel 71; hard grey clay 84; grey shale 86.
Con D " 1	"	"	Jan. 19, 1962	5					1-62	Topsoil 1; coarse gravel coarse sand 12; grey clay coarse gravel 73; grey clay fine gravel silt 96; dark grey clay shale 98 1/2.
Con D " 1	"	"	Jan. 26, 1962	5					2-62	Topsoil 2; brown clay 12; coarse gravel boulders clay 20; grey clay fine gravel 49; hard cemented fine gravel 51; hard grey clay fine gravel 102; dark grey shale 105.
Con D " 2	V. Keay	J.B. Johnston	Dec. 29, 1960	4	5	7 1/2	1 1/2	Fresh	D	Topsoil 1; coarse gravel 12; blue clay 70; gravel sand silt 72; grey shale 80. Water from 73 to 78.
Con D " 2	London P.U.C.	International Water Supply Ltd.	Feb. 2, 1962	5					T 3-62	Topsoil 2; brown sand 8; coarse gravel coarse sand 20; grey clay fine gravel 62; hard fine gravel 64; hard grey clay fine gravel 96.
Con D " 2	"	"	Feb. 6, 1962	5					T 4-62	Coarse gravel coarse brown sand 9; grey clay fine gravel 66; grey clay fine gravel silt 109; dark grey clay shale 111.
Con D " 2	"	"	Feb. 14, 1962	5					T 7-62	Topsoil 2; fine brown sand 4; coarse gravel coarse brown sand 12; grey clay fine gravel 42; grey clay coarse gravel 104; grey clay fine gravel 109; coarse gravel clay 117; dark grey clay shale 132.
Con D " 2	E.H. Haggis	H. Stegrist	Mar. 25, 1963	5	4	122	112	Fresh	P	Topsoil 2; clay 65; gravel 66; clay 78; hardpan 130; rock. Water at 130.
Con D " 3	London P.U.C.	International Water Supply Ltd.	Feb. 9, 1962	5					T 5-62	Topsoil 2; grey clay fine gravel 91; fine grey sand and fine gravel silt 98; grey clay fine gravel silt 112; dark grey clay shale 117.
Con D " 3	"	"	Feb. 14, 1962	5					T 17-62	Topsoil 4; brown sandy clay fine gravel 18; grey clay fine gravel silt 72; grey clay coarse gravel cemented hard 75; fine gravel silt backed 150; dark grey shale 196.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont. Delaware Twp. - cont. Con II	T.L. McManema	International Water Supply Ltd	Jun. 8, 1961	5					T	Tonsoil 6; boulders 8; dark grey clay 14; fine sand silt 19; grey clay 33; sandy grey clay 74; sandy grey clay fine gravel 104; sandy clay hard grey fine gravel 108; grey shale 110.
Con II	"	"	Jun. 16, 1961	6	2	9 1/2	6	Fresh	T	Tonsoil sand 4; fine gravel coarse sand 11; coarse gravel silt 13; clay gravel 15.
Con II	"	"	Jun. 28, 1961	6					T	Tonsoil sand 4; gravel silt 9; silty sand 22; sandy clay 47; gravel shale 105.
Con II	Wood Lynn Farms Ltd.	Hadco Well Digging	May 9, 1962	30	30	32	20	Fresh	S	Tonsoil 1; brown sandy clay 7; blue grey sand 18; grey harden 31; gravel 33. Water at 31.
Con II	G. Scott	"	Jun. 13, 1963	30	2	23	17	"	D	Tonsoil 8; brown sand 4; brown clay 6; grey sand 9; grey sandy clay 25. Water at 9.
Con II	Wood Lynn Farms Ltd.	"	Aug. 27, 1963	30	2	30	20	"	S	Tonsoil 1; brown sand 3; brown clay 7; grey clay 34; gravel 35. Water at 34.
Con III	J.R. Exbridge London P.U.C.	R. Hudson	May 26, 1962	36	10	28	25	"	T	Tonsoil 2; sand 32. Water at 25.
Con III	"	International Water Supply Ltd.	Mar. 6, 1962	5					13-62	Tonsoil 2; dirty sand 10; dirty sand gravel clay streaks 10; silt 26; clay 70; sand 75; clay boulders 84; clay gravel 98; gravel 102; gravel boulder 114; clay hard gravel 161; rock 163. Water at 102.
Con III	"	"	Mar. 12, 1962	5					T	Tonsoil 2; sandy clay 4; gravel 6; blue clay 94; streaks gravel clay boulders 103. <i>Water at 103.</i>
Con III	"	"	Apr. 4, 1962	5					15-62	Tonsoil 1; brown sandy clay gravel 21; sand gravel 28; soft grey clay 38; blue clay boulder 42; blue clay gravel boulder 157; clay gravel boulders 145; hard clay gravel boulders 157; hard clay 215; hard clay boulder 234; limestone 236.
Con III	"	"	Feb. 21, 1962	5					6-62	Hard brown sand 9; gravel 13; dirty silt sand gravel streaks clay 33; hard blue clay 59; clay boulders 68; sand 73; hard clay sand gravel 96; clay gravel boulder 120; hard clay gravel 135; clay boulders 142; hard clay gravel boulder 157; limestone 163; clay boulder 166; clay gravel 111; dirty silt sand 22; gravel 88; clay odd boulder 95; clay boulders 100; clay gravel 123; clay gravel boulders 156; rock 158. Water at 88.
Con III	"	"	Feb. 26, 1962	5					T	Tonsoil 2; dirty silt sand 8; gravel 11; dirty silt sand 22; clay hard sand 66; clay boulders 68; hard clay odd boulder 83; gravel 88; clay odd boulder 95; clay boulders 100; clay gravel 123; clay gravel boulders 156; rock 158. Water at 88.
Con III	"	"	Mar. 20, 1962	5					15-62A	Tonsoil 1; sand clay 2; gravel 4; clay 80; clay odd boulder 94; streaks gravel clay boulders 104; cemented sand gravel 107; cemented sand gravel boulders 112; clay gravel odd boulder 159; rock 161. Water from 104 to 107.
Con III	"	"	Sep. 5, 1963	5	12	20	12	Fresh	P	Sand 20; sandy clay stones 26; sand 29; clay 40. Water at 26.
Con III	Ont. Dept. of Highways	R. Smith	Jan. 30, 1961	5	1		Flow	"	D, S	Sand 7; sandy clay 19; clay 63; clay gravel 119; blue clay 149; sand 158; clay 152. Water at 149.
Con III	M. Schertzl	W. Dale	Mar. 16, 1963	4	2	140	60	"	D	Brown sand 4; sand gravel 52; dirty sand 92; grey clay stones 150; coarse sand 155. Water at 150.
Con IV	D. Parker	M. Jones	Nov. 14, 1963	5	10	108	100	"	D	Stony brown clay 13; fine brown sand 19; harden 42; silty sand streaks clay 108; brown limestone 114; stony blue clay 144; stones 146; stony blue clay 170; fine coarse sand fixed 173. Water at 170.
Con IV	J. Tiede	J.B. Johnston	May 10, 1963	4 1/2	3	100	76	"	D	Tonsoil 1; gravel 20; sand 112; fine sand 138; stony clay 172; silty sand 210; sand gravel 213; blue clay 228; grey shale 238. Water at 238.
Con IV	J.H. Moore	I. Lounsbury	Sep. 1, 1963	7	40	100	63	"	D	Brown clay loam 12; gravel clay 19; gravel 55; sand 120; sand 123; gravel 130. Water at 120.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont.										
East Williams - cont.										
Con VIII lot 10	W. & G. Lumsden	Dolphin & Earl A.A. Heal	Oct. 8, 1960	4	4	72	10	Fresh	D	Old well 35; sand blue clay 120. Dry hole.
Con VIII " 10	"	"	May 25, 1961							Topsoll yellow clay 8; sandy clay 12; blue clay 80; sand 97; clay 98. Water from 80 to 97.
Con IX " 9	A. McGregor	Dolphin & Earl	Sep. 30, 1961	4	10	50	14	"	D, S	Old well 35; blue clay 90; sand 96. Water from 90 to 96.
Con IX " 12	J.R. Stewart	A.A. Heal	Jun. 19, 1962	5	6 1/2	75	12	"	D, S	Topsoll sandy clay 16; blue clay 80; sand mud streaks 91; sand 100. Water from 91 to 100.
Con XI " 7	D. McIntyre	"	Oct. 19, 1962	4	4	112	70	Sulphur	D	Yellow topsoll 15; blue clay 130; sand streaks clay 140; blue clay 204; limestone 205; clay 212; limestone 214. Water at 212 1/2.
Con XII " 9	M. DeGouw	"	Jan. 6, 1961	4	3	240	148	"	D	Topsoll yellow clay 15; blue clay 30; sand streaks 31; blue clay 208; limestone 314. Water at 213 and 310.
Con XIV " 14	J. McLauchlan	"	Oct. 5, 1963	4	6	106	105	"	D	Yellow topsoll 14; gritty clay sand streaks 51; blue clay 110; blue clay sand streaks 208; hard limestone 211. Water at 210.
Con XX " 28	D. Thirwall	W.D. Homer & Sons	Feb. 28, 1962	5	10	27	23	Fresh	D, S	Yellow clay 14; blue clay 42; sand 45; gravel 64. Water at 64.
Exford Twp.										
Con I lot 12	W. Carruthers	Dolphin & Earl	Jul. 3, 1962	4	5	70	20	Fresh	N	Red clay 15; blue clay 140; hardpan 146; gravel sand 146 1/2; hard grey rock 197. Water at 146 1/2.
Con I " 12	"	"	Jul. 6, 1962	4						Yellow clay sand 17; blue clay 143; rock 143. Dry hole.
Con I " 12	"	"	Jul. 9, 1962	4	5	70	20	Fresh	D	Red clay 15; blue clay 143; gravel 146; rock. Water from 143 to 146.
Con I " 12	Q.R. Currah	"	Jul. 12, 1963	4	15	70	28	"	N	Yellow clay 10; blue clay 20; sand 28; blue clay 46; gravel 46 1/2; blue clay sand 150; hardpan sand 152; rock. Water from 20 to 28, 46 and 152.
Con I " 12	"	"	Aug. 2, 1963	4	1 1/2	90	27	"	D	Yellow clay 20; sand 28; blue clay 144; sand fine gravel 146 1/2; 146, 153 to 154.
Con I " 12	"	"								Sand 12; blue clay 131; hardpan 159. Water at 159.
Con I " 12	J. Baian	"	May 12, 1962	4	3	124	40	"	D, S	Red clay 10; sand 30; blue clay sand 146; gravel 149. Water from 146 to 149.
Con II " 12	A. Nevin	"	Jul. 18, 1962	4	8	70	27	"	D, S	Sand 5; clay stones 25; sand 28; clay stones 110; clay 144; gravel 147; stones fine sand 160; hardpan 168; grey limestone 174; soft grey shale 185. Water at 145.
Con II " 13	E. Macfie	W. Marsh	Nov. 21, 1961	5	5	45	30	"	N	Sand 5; grey clay stones 25; clay silt 30; grey clay stones 140; clay silt 144; gravel silt 146; gravel coarse sand 147. Water at 146.
Con II " 13	"	"	Dec. 1, 1961	5	6	64	30	"	D, S	Brown clay 14; clay 127; sandy hardpan 148; hard grey rock 152. Dry hole.
Con II " 16	J. McDonald	"	Aug. 25, 1962	5						Brown clay 14; grey clay 127; sandy hardpan 148; hard grey rock 152. Dry hole.
Con II " 16	"	"	Aug. 15, 1962	5						Clay 96; hardpan 111; grey shale 144. Water at 134.
Con II " 24	J. Macuda	S. Earl	Aug. 22, 1962	4	3	80	38	Fresh	D	Clay 7; gravel 9; hardpan 40; fine sand 62; mild hardpan 96; quicksand 131; gravel 135. Water at 96 and 132.
Con III " 14	J. Johnson	W. Marsh	Jul. 24, 1963	5	3	130	24	"	D, S	Clay 42; clay stones 45; clay 60; gravel 84; clay 124; black gravel 125; sand 127; gravel 129; hardpan 133. Water from 124 to 133.
Con IV " 13	W.G. Olde	"	Jul. 17, 1961	5	20	30	19	"	D	Topsoll yellow clay 12; blue clay 60; sand 62; blue clay 80; hardpan sand 92; hard blue clay 109; black gravel 111; grey black shale streaks 127. Water from 109 to 111.
Con IV " 16	A. McFarlane	A.A. Heal	Mar. 30, 1960	5	4	48	16 1/2	"	D	Yellow clay 10; blue clay 74; hardpan gravel sand 90; gravel 90. Water at 90.
Con IV " 24	H. McKellar	Dolphin & Earl	Jul. 22, 1963	4	4	60	27	"	D, S	Brown clay stones 25; grey clay 114; clay stones silt 125; sandy hardpan 130. Water at 119, 123 and 124.
Con V " 12	A. Benoit	W. Marsh	Dec. 19, 1961	5	10	90	15	"	D, S	

Con V	lot 14	V. Towers	A.A. Heal	Nov.28,1961	4	< 1/2	14	Fresh	N	Yellow topsoil 12;blue clay 80;clay sand 11;reddish brown 123;grey shale 146;grey limestone 170;soapstone 173. Water from 115 to 123
Con V	" 14	"	"	Dec. 1,1961	4	5	18	"	D,S	Yellow topsoil 12;blue clay 112;muddy horizon 117;sand 120; soft rock 121. Water at 117
LRN Range I	" 8	H. McLean	Dolphin & Earl	Jul.22,1962	4					Sand 10;red clay 20;blue clay 144;sand 146;hard grey rock 200. Water at 156
LRN Range I	" 8	"	"	Jul.24,1962	4	5	50	35	D,S	Red clay 18;blue clay 134;hardpan 144;fine gravel 146. Water from 144 to 146
LRN Range I	" 8	"	"	Aug.14,1963	4	2	120	35	D,S	Yellow clay 142 to 143
LRN Range I	" 8	"	"	Aug.21,1963	4					Yellow clay 10;blue clay 135;hardpan 152;rock 195;Hamilton soapstone 200. Dry hole
LRN Range I	" 8	"	"	Aug.28,1963	4			35	N	Yellow clay 18;clay sand 20;blue clay 140;hardpan gravel 152; top rock. Water at 146
LRN Range I	" 18	G. Gates	"	Apr.20,1960	4	2 1/2	100	35	D,S	Red clay 10;blue clay 138;hardpan 153;blue shale 156. Water at 153
LRN Range II	" 1	J. Robinson	W. Marsh	Aug. 9,1962	10	1 1/2	45	13	S	Brown clay 4;grey clay 35;clay stones 42;sand clay stones 79. Water from 42 to 70
LRN Range II	" 1	"	"	Aug.16,1962	4	2	45	13	S	Stones 47;sand clay 50;clay silt 53. Water from 47 to 50.
LRN Range II	" 1	"	R. Hudson	Aug.19,1963	36			10	D,S	Brown clay 5;blue clay 26;sandy clay 50. Water at 36.
LES Range I	" 1	H. Baxter	Dolphin & Earl	Dec.27,1963	4	3	30	5	D	Sand 10;blue clay 90;horizon clay 98;sand 102. Water from 98 to 102
LES Range I	" 7	J.D. McLean	"	Mar.11,1963	4	5	60	21	D,S	Yellow clay 15;blue clay 120;hardpan 124;gravel 128. Water from 124 to 128
LES Range I	" 12	L. Eaton	"	Jul.12,1962	4	3	20	10	D,S	Yellow clay 10;blue clay 140;hardpan 163;fine gravel 165. Water from 163 to 165
LES Range I	" 23	A. McRae	A.A. Heal	Jun. 9,1961	4	8	57	43	"	Yellow topsoil 30;blue clay 111;gravel 121
LES Range I	" 24	P. Markus	W. Newport	Aug.16,1961	4	1 1/2		21	"	coarse sand 121. Water from 111 to 121
LES Range II	" 6	J.D. Johnson	Dolphin & Earl	Sep.13,1963	4	10	40	2	D,S	Blue clay 121;fine sand gravel 130. Water at 121.
LES Range II	" 9	C. Hardy	"	Sep. 6,1963	4	10	70	65	D,S	Yellow clay 10;blue clay 146;sand gravel 148;gravel 149. Water at 149.
LES Range II	" 24	M. Loeschel	Haddock Well Digging	Feb.28,1962	30	4	32	12	"	Yellow clay 9;blue clay 125;gravelly horizon 180;coarse gravel. Water at 180.
LES Range III	" 24	D.A. Dobie	W. Newport	Sep.12,1961	4	3	100	30	D,S	Topsoil 1;brown sand 11;fine gravel 13;blue clay 32. Water at 13.
LES Range V	" 4	J. Besenyei	W. Marsh	Jul.21,1962	5	4	160	50	"	Sandy loam 4;blue clay 141;gravel 143. Water from 141 to 143. Red sand 8;grey clay 46;grey clay stones 166;gravel 170. Water at 135, 160 and from 168 to 170.
Lobo Twp.	lot 1	London F.U.C.	International Water Supply Ltd.	Sep.21,1961	5				T	Topsoil 4;coarse gravel boulders 8;grey clay fine gravel 79; hard grey clay fine gravel 94;dark grey shale 99.
Con I	" 2	"	"	Sep.25,1961	5				T	Coarse gravel boulders 18;grey clay fine gravel 94;dark grey shale 102.
Con I	" 3	"	"	Aug.31,1961	2		10	Fresh	31-61	Topsoil 3;hard backed coarse gravel 10;grey clay boulders 55; coarse gravel coarse sand 92;silt hard grey clay 97;gravel dark grey shale 103. Water at 92.
Con I	" 4	"	"	Aug.17,1961	2		2	"	T	Topsoil 4;brown sand fine gravel 9;grey clay boulders 20; soft sandy grey clay stones 65;coarse gravel fine sand 77; hard grey clay fine gravel 101;dark grey shale clay 109. Water at 77.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Lobo Twp. - cont. Con I Lot 4	London P.U.C.	International Water Supply Ltd.	Aug. 24, 1961	2			Flows		T	Topsoil 4; coarse gravel boulders 10; grey clay boulders 30; hard cemented fine gravel 30 1/2; fine gravel coarse sand 80; silt grey clay streaks fine gravel 88; hard dark grey shale 102.
Con I " 4	"	"	Oct. 24, 1961	8	200	31	"	Fresh	T	Topsoil 4; coarse gravel boulders 13; grey clay boulders 30; hard cemented fine gravel 30 1/2; fine gravel coarse sand 80; grey clay streaks fine gravel 90; water from 20 1/2 to 80.
Con I " 6	"	"	Sep. 13, 1961	10	30		8	Sulphur	T	Black loam 8; silt sand gravel 13; coarse gravel 18; clay boulders cemented 78; grey shale 79; water from 4 1/2 to 78.
Con I " 6	"	"	Sep. 22, 1961	10	30	10	9	"	T	Silty sandy clay 12; coarse gravel sand 17; clay 48; clay gravel boulders cemented 75; coarse gravel sand boulders cemented 79; grey shale 80; water from 7 1/2 to 79 1/2.
Con I " 6	"	"	Oct. 3, 1961	10	30	9	8	"	T	Sandy clay 13; coarse gravel sand 18; coarse gravel sand 75; coarse gravel clay stones 51; coarse gravel sand 75; coarse gravel sand boulders cemented. Water from 5 1/2 to 75.
Con I " 7	"	"	Jul. 5, 1961	5					T	Topsoil 1; brown sand 4; coarse sand coarse gravel 20; grey clay gravel 36; grey clay fine hard gravel 88; soft grey clay fine gravel 102; fine sand silt 104; hard streak cemented fine gravel 106; grey clay fine gravel silt 141; dark grey limestone 145.
Con I " 7	"	"	Jul. 17, 1961	2			11	Fresh	T	Topsoil 2; sandy grey clay 8; grey clay cemented gravel 23; coarse gravel coarse sand 46; coarse sand fine gravel 74; shale 77. Water at 74.
Con I " 7	"	"	Jul. 23, 1961	6	135	13	11	Sulphur	T	Topsoil 5; gravel 1; clay gravel 6; boulders 10; coarse gravel 28; coarse gravel 39; coarse gravel sand 55; coarse gravel sand streaks cemented 72; grey shale 73. Water at 72 1/2.
Con I " 7	"	"	Aug. 15, 1961	10			14	"	T	Topsoil 1; sandy clay boulders 14; coarse gravel streaks cemented 24; coarse gravel sand 58; coarse sand 67; coarse gravel sand 73; cemented sand gravel 76; grey shale 78. Water 76 1/2.
Con I " 7	"	"	Aug. 24, 1961	10	30	12	9	"	T	Sand 8; coarse sand gravel clay 12; clay gravel 23; soft silty clay 30; gravel clay 39; coarse gravel sand 45; cemented coarse gravel 48; coarse gravel sand 94; grey shale 78 1/2. Water 39 to 74.
Con I " 7	"	"	Sep. 1, 1961	10	30		10	"	T	Topsoil 1; sand 4; sandy clay 9; clay gravel boulders 14; clay gravel 22; clay 37; silty sandy clay 52; coarse gravel sand 72; coarse gravel sand boulders clay 80; grey shale 81. Water 72 to 80.
Con I " 7	"	"	Oct. 18, 1961	10			12	"	T	Loam 2; dirty sand clay gravel boulders 26; coarse gravel clay 37; coarse gravel sand 64; boulder 68; white clay gravel 73; grey shale 74.
Con I " 7	"	"	Oct. 25, 1961	10			14	"	T	Black loam 2; clay gravel boulder 26; coarse gravel sand clay stones 39; coarse gravel sand 70; cemented gravel 74; grey shale 75 1/2. Water from 39 to 74 1/2.
Con I " 7	"	"	Nov. 1, 1961	2			11		T	Loam 2; dirty sand clay gravel boulders 26; coarse gravel small boulders sand 39; coarse gravel small boulders sand 67; broken shale clay gravel 68; cemented gravel sand 70; clay gravel 72; hard shale 73. Water at 26.
Con I " 7	"	"	Nov. 16, 1961	12	700	21 1/2	10	Sulphur	T	Topsoil 1; sandy clay gravel 5; boulders 9; coarse gravel clay 26; coarse gravel sand 66; coarse gravel clay 67; coarse gravel streaks cemented 71; grey shale 71 1/2. Water from 66 to 71.
Con I " 7	"	"	Aug. 17, 1962	16	1200	31 1/2	21 1/2	"	T	Topsoil roots 1; sandy clay boulders 3; sandy clay gravel 10; blue clay hard gravel 15; cemented sand hard gravel 25; dirty sand gravel small boulders 27; coarse sand gravel boulders 65; coarse sand fine gravel 81. Water from 27 to 81.

Labo Typ. - cont.	Lot 7	London P.U.C	International Water Supply Ltd.	Aug. 23, 1962	2		14	Sulphur	T	Topsoil roots 5;blue clay gravel boulders 15;cemented sand gravel 27;coarse sand gravel boulders 69;dirty sand gravel boulders 74;hard clay gravel 75. Water from 69 to 74.	
Con I	"	"	"	Aug. 29, 1962	2		18	"	T	Topsoil roots 1;grey clay gravel 5;blue clay gravel 15; cemented sand gravel 24;coarse sand gravel 50;coarse sand fine gravel 73;sand gravel 77. Water from 50 to 77.	
Con I	"	"	"	Sep. 4, 1962	2		18	"	T	Topsoil roots 1;sandy grey clay 6;sandy brown clay gravel boulders 24;coarse sand gravel boulders 50;coarse sand gravel 68;coarse sand gravel small boulders 78. Water from 50 to 78.	
Con I	"	"	"	Sep. 6, 1962	2		18	"	T	Topsoil 1;sandy grey clay boulders 15;cemented sand gravel 24;dirty sand gravel boulders 27;coarse sand gravel boulders 60;coarse sand gravel 79. Water from 27 to 79.	
Con I	"	"	"	May 28, 1963	38	2000	45	15½	Fresh	T	Sandy clay boulders 6;hard grey clay gravel 11;cemented gravel clay 21;sand coarse gravel 41;fine gravel 47;sand fine gravel 49;fine gravel 51;coarse sand gravel 62;medium sand 67;coarse sand gravel 74;fine sand boulders 76. Water from 41 to 74.
Con I	"	"	"	Jun. 7, 1963	38	1500	48	12	"	T	Sandy clay 6;coarse gravel boulders 9;fine sand 13;coarse sand fine gravel 17;hard clay gravel boulders 29;sand gravel clay 37;coarse sand gravel 44;coarse sand gravel 60;fine sand gravel 66;medium sand gravel 69;clay hard boulders 70½. Water from 13 to 66.
Con I	"	"	"	Jul. 22, 1963	38	1800	42	14	"	T	Sandy clay 6;brown clay boulders 11;grey clay hardpan gravel 23;hard clay gravel boulders 30;coarse sand fine gravel 42;coarse sand coarse gravel 50;coarse sand gravel 73;boulders. Sandy clay 7;hard grey clay gravel 17;sand gravel 60;fine sand boulders 23;sand gravel 56;medium sand gravel 60;fine sand gravel 66;medium sand gravel 69;clay hard boulders 70½. Clay 8;clean gravel 10. Water at 8.
Con I	"	"	"	Sep. 9, 1963	38	1400	31	18	"	T	Topsoil 1;coarse gravel 8;grey clay silt fine gravel 56; fine gravel silt 70;grey clay gravel 78;dark grey shale 84. Topsoil 5;grey clay boulders 10;grey clay fine gravel hard silt 76;dark grey clay 86.
Con I	"	"	"	Jul. 24, 1961	2	20	18	Flows	Sulphur	T	Topsoil 3;brown sand boulders 7;grey clay boulders 44;fine gravel hard silt 65;hard fine gravel silt 71;grey clay gravel 84;dark grey limestone 96.
Con I	"	"	"	Jul. 27, 1961	5				T	Topsoil 3;brown sand fine gravel 10;grey clay silt fine gravel 74.	
Con I	"	"	"	Aug. 11, 1961	5				T	Topsoil 4;brown sand boulders 13;fine gravel clay boulders 45;coarse gravel silt streaks clay 66;fine gravel hard clay 73;dark grey shale clay 81. Water at 66.	
Con I	"	"	"	Oct. 7, 1963	5	7	22	20	Fresh	D	Old well 20;gravel 28. Water at 28.
Con I	"	"	"	Sep. 13, 1960	5½	4	80	59	"	D	Gravel stones clay 25;brown clay 43;dirty gravel 75;brown clay 101;streaks coarse sand 102;clay 103. Water at 103.
Con I	"	"	"	Feb. 22, 1961	4	6	100	60	"	D	Previously drilled 102;clay silt 183;hardpan 193;hardpan. Water at 193.
Con II	"	"	"	Oct. 31, 1961	36	20	13	13	"	D	Stony gravel 16. Water at 14.
Con II	"	"	"	Sep. 25, 1962	5	2½	80	18	"	D	Old well 3;gravel boulders 7;gravel 12;sand 40;hardpan 97; gravel 98. Water from 97 to 98.
Con II	"	"	"	Jun. 14, 1963	8			27½	"	T	Sandy clay gravel 7;sand gravel small boulders 95;sandy blue clay 48;blue clay gravel 85;hard sand clay gravel 130. Water at 127.
Con II	"	"	"	Nov. 28, 1963	5	5	55	39	"	D, S	Old well 25;hardpan 35;sand 76;clay 55;sand 63;clay 64;gravel sand 83;hardpan 84;gravel 85. Water at 85.
Con II	"	"	"	Apr. 9, 1962	5				"	T	Topsoil 2;coarse gravel coarse sand 42;grey clay coarse gravel 102;coarse hard gravel 105;coarse gravel hard clay 109;grey clay fine hard gravel 151;grey clay fine gravel silt 215;dark grey limestone 218. Water at 105.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont Lobo Twp. - cont. lot 8 Con II	London P.U.C.	International Water Supply Ltd	Apr. 9, 1962	5					T	Brown sand fine gravel 9; grey clay fine gravel 58; hard cemented fine gravel 78; fine gravel silt 88; grey clay fine gravel hard silt 187; fine gravel cemented hard 232; dark grey limestone 236. Water at 88.
Con II	P.F. Dearing	R. Hudson	Jul. 21, 1961	36	2	12	9	Fresh	D	Clay 6; hard blue clay 9; quicksand 15. Water at 9.
Con II	C. Morris	"	Jul. 22, 1961	36	8	22	18	"	D	Clay 6; gravel 18; blue clay 24. Water at 18 and 24.
Con II	J.E. Garrett	"	Jul. 2, 1962	36	5	18	14	"	D	Clay 8; sand 22. Water at 14.
Con III	V. Nowlan	R. Smith	Feb. 11, 1961	5	10	78	56	"	D, S	Hard yellow clay 15; blue clay 50; fine dirty sand 80; medium sand 86. Water from 80 to 86.
Con III	London P.U.C	International Water Supply Ltd.	Apr. 19, 1962	5					T	Topsoil 1; brown clay gravel 5; grey clay fine gravel 25; grey clay fine gravel hard streaks 1; fine gravel 151; grey clay coarse gravel 156; grey clay fine gravel 167; grey clay coarse gravel 172; coarse gravel silt 183; grey clay fine gravel 205; dark grey clay shale 259. Water at 183.
Con III	"	R. Smith	Jun. 3, 1960	4	5	70	64	Fresh	D	Hard clay 20; blue clay 40; fine sand 86; sand 90. Water from 86 to 90.
Con III	"	R. Hudson	Aug. 18, 1962	36	2	18	10	"	D	Fine gravel 10; grey clay 12; sand 13; clay sand 20. Water at 10.
Con III	L. Ferguson	"	Apr. 20, 1963	36	1	19	14	"	D	Topsoil 3; gravel 7; sandy clay 13; gravel 15; clay 20. Water from 13 to 15.
Con III	H. Gates	"	Jul. 8, 1961	36	8	17	15	"	D	Clay 15; gravel 18. Water at 15.
Con III	C. Sells	"	Aug. 23, 1963	36	4	25	18	"	D	Sandy clay 20; blue clay sand 26; quicksand 28. Water at 26.
Con IV	S. McQueen	H. Siegrist	Sep. 16, 1963	4	5 1/2	80	50	"	D, S	Topsoil 1; gravel 10; blue clay sand 82; hardpan 150; blue clay 200; gritty hard blue clay 359; dark rock 345. Dry hole.
Con IV	"	"	Sep. 23, 1963	4	5 1/2	80	50	"	D, S	Topsoil 1; gravel 10; clay 40; sandy clay 80; hardpan 150; clay 200; hardpan 209; gravel 210. Water at 210.
Con IV	J. Livingstone	R. Smith	May 5, 1960	2	4	15	15	"	D, S	Clay 5; clay gravel 15; dirty gravel 22. Water at 15.
Con IV	"	R. Jones	Mar. 16, 1963	5	1	100	20	"	N	Fine sand 110. Water from 40 to 110.
Con IV	O. Snelgrove	R. Smith	Mar. 4, 1962	5	10	42	36	"	D, S	Brown clay 2; blue clay 40; sand 83. Water at 75.
Con IV	B. Bablisky	"	Jul. 12, 1963	5	8	75	75	"	D, S	Brown clay 18; blue clay 75; silty brown sand 93; fine grey sand 96; silty sand 100. Water from 93 to 96.
Con IV	Mitchell Bros.	J.B. Johnston	Jun. 23, 1961	4	3	130	56	"	D, S	Topsoil 1; fine clay 3; blue clay 50; sand 95; blue clay 115; sand gravel 152; hardpan gravel 160; fine gravel 167; grey shale 170. Water at 160.
Con IV	"	"	May 21, 1961	5	4	55	42	"	D, S	Brown clay 12; blue clay 53; fine sand 58. Water from 53 to 58.
Con IV	R. Tuckey	R. Smith	Dec. 11, 1961	4	2	80	20	"	D	Yellow clay stones 20; blue clay stones 35; sandy hardpan 75; limestone 80; sand 90. Water from 80 to 86.
Con IV	C. Sato-cell	I. Lounsbury	Aug. 4, 1962	5	4	60	42	"	D	Yellow clay 17; blue clay 66; grey sand 70; sand gravel 82; hardpan 90; blue clay 124; grey sand 134; gravel 139. Water from 124 to 139.
Con IV	D. Grace	W. Dale	May 7, 1962	5					T	Topsoil 3; brown clay 10; grey clay gravel 54; fine sand 60; grey clay 70; fine sand 76; stone clay 97; gravel hardpan boulders 126. Dry hole.
Con IV	"	"	May 23, 1962	5	15	130	52	Fresh	D, S	Topsoil 3; brown clay 10; grey clay 54; fine sand 60; grey clay 74; fine sand 76; grey clay 97; gravel hardpan 126; grey clay 150; fine cemented sand 157; gravel 158; hardpan 160. Water at 74.
Con V	W. Stapelford	J.B. Johnston	Jan. 18, 1961	4	6	55	55	"	D	Old well 22; blue clay 60; hard sand 64; fine gravel 65; sand silt 78. Water from 64 to 65.
Con V	J. Ther	R. Smith	May 11, 1961	5	3	180	30	"	D	Clay brown sand 30; fine sand 188; hardpan 192; dirty gravel 193. Water at 193.
Con V	J.C. Thar	H. Siegrist	Sep. 5, 1962	4	5	51	40	"	D	Previously drilled 200; hard sand clay 230; gravel. Water at 230.
Con V	R. Heyderson	R. Hudson	Jul. 4, 1963	36	1	22	19	"	D	Brown clay 10; blue clay 16; sand 26. Water at 19.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont London City - cont. London City London City	L. McGuffin Somerville Ind. Ltd.	B. Hudson I. Lounsbury	Oct. 22, 1963 Oct. 23, 1963	36 5	5 5	18 34	14 34	Fresh "	D D	Sandy gravel 16; clay 20; quicksand 21. Water at 14. Topsoil 1; brown gravel 1; hard clay 14; gravel 19; stones 23; hardpan 60; boulders hardpan 62; hardpan 73; hardpan stones 75. hardpan 77; gravel 81. Water from 77 to 81.
London Twp. Con A	G. Chant	W. Dale	Oct. 17, 1963	5	7	39	2	Fresh	D	Sand 5; gravel 27; muddy sand 34; grey clay small stones 42; gravel 43; clay gravel 54. Water from 42 to 45. Topsoil 1; sand 8; clay 20; gravel hardpan 31; black sand 35 1/2. Water at 34.
Con B	G. Knott	H. Siegrist	Jun. 23, 1961	4	4	5	1	"	D	
Con B	P.J. Fuller	"	Jun. 24, 1961	4	4	5	1	"	D	Sand 20; clay gravel 34; black sand 35 1/2. Water at 34.
Con II	I. Elliott	R. Smith	Feb. 3, 1961	6	9	25	40	"	D	Hard clay 15; brown sand 60; fine sand 75. Water from 60 to 75.
Con II	Mathews Const.	W. Dale	Apr. 26, 1960	5	9	44	32	"	In	Clay 5; clay gravel 46; gravel 50; clay gravel 69; sand 72. Water from 69 to 72.
Con II	S.S.# 2	R. McGaffey	Sep. 20, 1960	5	6	75	20	"	P	Topsoil sand 6; blue clay 50; fine sand gravel 55; gravel 104; silty sand 110; black shale 114; grey rock 135. Water at 84; sand 134.
Con II	H. Phillips	I. Lounsbury	Sep. 7, 1961	5	10	65	44	"	D	Topsoil 1; yellow clay 17; blue clay 72; hardpan 76; gravel 79. Water from 78 to 79.
Con II	London P.U. C.	International Water Supply Ltd.	Feb. 9, 1960	12	84 1/2	48	12	"	P	Topsoil 1; fine sand coarse gravel 20; coarse gravel sand 25; sandy grey clay 27; sandy grey clay gravel 36; sandy brown clay 38; coarse gravel clay 42; boulders clay 43; sandy grey clay gravel 50; soft sandy grey clay gravel 61; hard grey clay gravel 67; soft sandy grey clay coarse gravel 72; coarse gravel clay 75; gravel sand 119; silt hardpan. Water from 75 to 119 1/2. Topsoil 50; sand 70; clay 72; hardpan 75; gravel 84; boulders sand 89; gravel 91. Water at 91.
Con III	C. Ireland	H. Siegrist	Jul. 14, 1961	5	4	80	56	Fresh	D	Sand 4; blue clay stones 10. Water at 10.
Con III	J. Wisniwski	R. Hudson	Sep. 2, 1961	36	1 1/2	8	3	"	D	
Con III	K. Williamson	H. Siegrist	Nov. 18, 1963	5	4	59	50	"	D	Gravel stones 63. Water at 63.
Con III	B. Campbell	"	Jul. 12, 1960	5	7	60	50	"	D	Topsoil 1; clay 85; sand 86; hardpan 106; gravel 110. Water at 110.
Con III	F.J. Oliver	W. Dale	Nov. 23, 1961	5	7 1/2	38	25	"	D	Brown clay 10; blue clay 17; clay gravel 53; clay 65; clay gravel 88; muddy sand 90; gravel 93. Water from 90 to 93.
Con III	J. Richardson	"	Aug. 10, 1962	5	10	52	21	"	D, S	Subsoil 3; brown clay 11; grey clay 30; muddy sand 33; muddy gravel 33; clear gravel 39; clay gravel hardpan 79; rock 86; muddy coarse gravel 90; clear gravel 98. Water from 86 to 98.
Con III	H. Gram	"	Aug. 21, 1962	5	7	30	25	"	D, S	Topsoil 3; brown clay 12; grey clay stone 20; grey muddy stone clay 28; gravel hardpan 52; fine muddy sand 55; clay 116 sand 98; clay 105; coarse gravel 110. Water at 20.
Con III	F.J. Oliver	I. Lounsbury	Aug. 15, 1963	5	3	45	25	"	D	Yellow clay 12; blue clay 45; hardpan 48; blue clay 67; gravel Water at 67.
Con III	J. Merrifield	R. Hudson	Sep. 20, 1963	36				Fresh	D	Brown clay 10; blue clay 30; sandy clay 34; hardpan 38. Dry hole.
Con III	A. Wadeley	H. Siegrist	Sep. 2, 1960	5	5	73	40	"	D	Topsoil 2; yellow clay 18; grey clay 45; gravel 47; clay 94; fine sand gravel 95. Water at 95.
Con III	W. Burns	I. Lounsbury	Jan. 11, 1961	5	4	30	17	"	D, S	Brown sand 11; gravel 12; blue clay 65; gravel 66. Water from 65 to 66.
Con III	H. Simms	J.B. Johnston	Nov. 10, 1961	4	3	75	26	"	D	Topsoil 2; red clay 14; blue stony clay 32; fine sand 38; blue gritty clay 75; gravel sand 86; blue clay 87. Water at 75.
Con III	O. Schroeder	I. Lounsbury	Jul. 5, 1961	4	4	90	40	"	D	Old well 25; blue clay 55; dirty grey sand 72; hardpan 76; dirty fine grey sand gravel 97; gravel 103. Water from 97 to 103.
Con III	H. Simms	J.B. Johnston	May 26, 1962	5	3	48	36	"	D	Topsoil 1; red clay 12; blue stony clay 31; sand fine gravel 82; blue gritty clay 95; gravel sand 105; water at 95.

Con	W. Davies	W. Dale	Jun. 22, 1961	5	10	114	105	Fresh	D	Subsoil 51:clay gravel 24;blue clay 40;gravel clay 85;gravel sand 122;send 125. Water from 122 to 125.
Con III	"	"	Aug. 18, 1960	4	2½	75	50	"	D	Hard brown clay 28;send 40;hardpan 80;gravel 80½. Water at 80.
Con III	"	"	Jun. 19, 1963	4	10	29	20	"	D	Sandy clay 51;send gravel 16;clay gravel 35;hardpan 50;gravel 58;brown limestone 64. Water from 62 to 64.
Con IV	"	"	Jul. 22, 1960	5	6½	15	25	"	D	Gravel stones 18;clay 30;gravel 43. Water at 43.
Con IV	"	"	Nov. 8, 1963	7	15	17	16	"	D	Gravel 20;clay 45;gravel 45. Water at 45.
Con IV	"	"	Jul. 29, 1960	4	6	12	10	"	D	Topsoil 21;mixed gravel sand stones 35. Water from 32 to 35.
Con IV	"	"	Aug. 10, 1960	4	6	35	30	"	D	Topsoil gravel 13;stones 18;gravel 30;send 42;clay 59;hardpan 64;swale 65. Water at 65.
Con IV	"	"	Dec. 5, 1962	10				"	T	Coarse sand gravel boulders 10;sandy blue clay gravel 40;blue clay gravel 61;gravel blue clay 68;blue clay gravel 73; soft clay 78.
Con IV	"	"	Dec. 7, 1962	10				"	T	Coarse sand gravel small boulders 10;sandy clay blue clay gravel 52;sandy clay gravel 70.
Con IV	"	"	Dec. 12, 1962	10				"	T	Coarse sand gravel small boulders 12;sandy clay 20;sandy clay blue clay gravel 50;sandy clay gravel 26;hard clay gravel 49.
Con IV	"	"	Dec. 18, 1962	10				"	T	Coarse sand gravel small boulders clay 18;clay gravel 20; sandy clay blue clay gravel 47;centered gravel boulders 62; grey shale 68.
Con IV	"	"	Nov. 13, 1961	5	7	31	19	Fresh	D	Brown clay 10;blue clay 17;clay gravel 50;clay 61;clay gravel 70;centered gravel 89;muddy gravel 96;gravel 98.
Con IV	"	"	Jun. 7, 1963	5	9	28	19	"	D	Fill 4;brown clay 15;sand gravelly clay 30;gravel clay 60; centered gravel 86;gravel 90. Water from 86 to 90.
Con IV	"	"	Sep. 16, 1960	5	4	40	30	"	D	Topsoil 11;soft clay 20;hard clay 59;sand 60. Water at 60.
Con IV	"	"	Jul. 15, 1961	36	3	10	7	"	D	Hard clay 6;sand 10;blue clay 15. Water at 7.
Con IV	"	"	Jul. 7, 1962	36	1	33	7	"	D	Brown clay 12;blue clay 33;send 34. Water at 33.
Con IV	"	"	Oct. 25, 1963	4	5	35	22	"	D	Clay 21;stone 4;gravel clay 20;send 29;sandy clay 41;hardpan 63;gravel 66;hardpan 70. Water from 63 to 66.
Con IV	"	"	Dec. 9, 1963	36	1½	30	26	"	D	Brown clay 8;sandy clay 12;blue clay 30;quicksand 33½. Water at 30.
Con IV	"	"	May 29, 1962	36	20	14	10	"	D	Hard clay stones 14;gravel 16. Water at 14.
Con IV	"	"	Sep. 4, 1962	5	4½	40	34	"	D	Black loam 3;yellow clay 14;blue clay 20;grey sand 30;blue clay 54;hardpan 99;gravel 100. Water from 99 to 100.
Con IV	"	"	Dec. 26, 1963	36	1½	14	10	"	S	Sand 9;blue clay 12;gravel 15;hard blue clay 16. Water at 10.
Con IV	"	"	Aug. 4, 1961	7	11	110	63	"	D,S	Topsoil 11;brown clay stones 10;blue clay 40;blue clay small stones 53;hardpan 114;sand 139;gravel 141. Water from 114 to 141.
Con IV	"	"	Jun. 5, 1961	5	4	52	40	"	D	Topsoil 4;clay gravel 40;soft clay send 60;clay gravel 107; gravel 111;hardpan cemented gravel 190. Water from 107 to 111.
Con IV	"	"	Sep. 18, 1961	30	5	49	38	"	D	Topsoil 11;sand brown clay 13;light blue sandy clay 28; boulders 29;blue clay 38;sandy gravel 42;blue clay 47;blue fine sand 49. Water at 38 and 47.
Con IV	"	"	Apr. 5, 1962	4	2	118	82	"	D	Topsoil 21;red clay 18;blue clay 39;gravel 78;stone clay 114; gravel 116;grey shale 120. Water at 114 and 119.
Con IV	"	"	Sep. 28, 1960	5	4	37	27	"	D	Old well 17;gravel 19;hardpan 80;gravel 82. Water from 80 to 82.
Con V	"	"	Jul. 20, 1960	4	4	18	14	"	D	Topsoil 11;clay stones gravel 55;gravel. Water at 55.
Con V	"	"	Jul. 19, 1963	4	8	21	17	"	D	Sandy clay 10;blue clay 16;gravel clay 38;blue clay 46;gravel 49;clay sand 58;gravel 63. Water at 58 and 63.
Con V	"	"	Jul. 16, 1963	4	8	21	16½	"	D	Sandy clay 10;hardpan 21;clay gravel 46;gravel 47;clay gravel 50;stone 54;sand gravel 57;gravel 60. Water from 57 to 60.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. London Twp. - cont.										
Con V lot 11	R.B. Rea	H. Siegrist	Jul.20,1963	5	6	12	12	Fresh	D	Topsoll 2;brown clay 20;gravel sand 25;blue clay 80;sandy gravel 87;blue clay 102. Water at 102.
Con V " 16	H. McLure	R. Smith	Aug.19,1960	2	10		21	"	D	Brown clay 16;hard stony clay 27;sand clay 45;clean sand 55. Water from 45 to 55.
Con V " 16	R. James	"	Aug.20,1960	2	12		18	"	D	Clay 8;sand 24;sand 58. Water at 24.
Con V " 16	L. Brooks	I. Lounsbury	Aug.26,1960	4	4	38	28	"	D	Topsoll 2;yellow clay 9;blue clay 28;brown sand 48;sand 70. Water from 48 to 70.
Con V " 16	H. McLure	R. Smith	Aug.28,1962	5	10	150	130	"	D	Brown clay 3;sand 70;blue clay 90;hard clay stones 98;gravel 99;
Con V " 16	P.H. Davies	"	Apr. 8,1963	5	10	40	36	"	D	Yellow clay 24;sand 51. Water at 36.
Con V " 16	E. Browne	I. Lounsbury	Sep.15,1963	4	9	30	30	"	D	Yellow clay 12;blue clay 30;sand 45. Water from 45 to 60.
Con V " 16	R. Starling	"	Sep.16,1963	4	7 1/2	30	30	"	D	Yellow clay 15;blue clay 22;sand 40. Water from 40 to 52.
Con V " 17	E.V. Rippingalle Jr.	"	May 10,1963	7	5	170	90	"	D	Topsoll 2;fill 3;yellow clay 12;blue clay 40;fine sand 80; blue clay 90;fine gray sand 98;hardpan 158;boulders 162; conglomerate 220;limestone 223. Water from 220 to 223.
Con V " 21	SuperTest Pet- roleum Corp. Ltd.	Hadco WellDrilling	Sep.14,1962	27 1/2	3	38	18	"	D	Topsoll 1;brown clay 8;blue clay 18;blue sand 36;blue clay 40. Water at 18.
Con V " 25	W.F. Keys	I. Lounsbury	Jan. 6,1961	5	4	40	35	"	D,S	Topsoll 2;blue clay 18;gravel stones 25;blue clay 68;gravel 73. Water from 68 to 73.
Con V " 25	S. Hornyak	R. Smith	Aug.10,1961	5	15	30	14	"	C	Brown clay 30;fine sand 50;blue clay 70;sand 90;coarse sand 94. Water from 90 to 94.
Con V " 25	"	"	Oct.10,1963	5						Hard clay stones 60;streaks fine sand 60;hardpan 140. Dry hole.
Con V " 25	"	"	Oct.14,1963	5	12	18	15	Fresh	D	Hard clay stones 44;gravel sand 47. Water at 44.
Con V " 27	C. Norall	R. Hudson	Sep. 7,1963	36	15	7	6	"	D,S	Brown clay 2;blue clay 5;gravel 10. Water at 44.
Con V " 27	P. McMoran	"	Sep. 7,1963	36	15	10	6	"	D	Brown clay 4;sandy gravel 8;hard blue clay 12. Water at 6.
Con V " 27	D. Snelgrove	I. Lounsbury	Nov.21,1963	5	4	65	48	"	D	Topsoll 1;fill 3;yellow clay stones 15;blue clay 52;hardpan 91;sand 97;gravel 98. Water from 91 to 98.
Con V " 28	C. Fulham	H. Siegrist	Mar. 7,1960	5	3	1.5	75	"	D	Topsoll brown clay 10;blue clay 20;brown clay stones 50; brown clay 150;hardpan 120;clay 174;sand clay 175. Water at 175.
Con V " 29	T. King	R. Hudson	Aug.12,1961	36	1 1/2	36	32	"	D	Blue clay 38;stones blue clay 50;sand. Water at 50.
Con V " 31	J. Brown	"	Aug.19,1961	36	6	24	20	"	D	Clay 22;sandy clay 24;blue clay 29. Water at 24.
Con V " 32	F. Goudsward	"	May 23,1963	35	3	24	14	"	D	Brown clay 12;sandy clay 14;blue clay 26;fine sand 28. Water at 26.
Con VI " 2	J. Bete	M. Jones	Oct.18,1963	5	10	50	40	"	D,S	Clay stones 40;clay hardpan 50;fine sand 60;coarse sand 62. Water at 60.
Con VI " 8	T. VanDop	H. Siegrist	Dec.12,1963	5	4	40	18	"	D	Sandy clay 1 1/2;gravel sand 30;coarse gravel 55. Water from 55 to 57.
Con VI " 9	H. Cambridge	R. Hudson	Apr.28,1962	36	2	8	4	"	D	Topsoll 1;sand 5;blue clay rocks 10. Water at 4.
Con VI " 9	L.G. Scott	"	Oct.15,1963	36	1 1/2	8	8	"	D	Sand 4;blue clay 8;sand 9;hard blue clay 16. Water from 8 to 9.
Con VI " 10	W. Bateson	Kimberley Well Drilling Co. Ltd.	Jul.23,1962	6	12	60	10	"	D	Old well 20;stony clay 48;fine sand 54;clay 70;coarse gravel 72. Water at 70.
Con VI " 10	K.A. Eaton	H. Siegrist	Feb.14,1963	4	5	40	16	"	D	Topsoll 1;clay 30;sand 40;stones clay 55;sandy clay 70;hard gravel 81;clay 88. Water at 89.
Con VI " 12	F. McGuffin	R. Hudson	Oct.15,1963	36	4	12	14	"	D,S	Hardpan clay 10;fine sand 12;coarse sand 17. Water at 10.
Con VI " 14	H. Herliok	J.H. Weaver & Son	Feb.22,1963	1	8	20	20	"	D	Old well 17;sand 35. Water at 14.
Con VI " 14	R. Hocking	"	May 23,1963	1	9	20	20	"	D	Old well 20;coarse gravel 26;coarse sand 34. Water at 20.
Con VI " 14	P.H. Coyle & Sons	"	Jun. 7,1963	1	13		22	"	D	Old well 25;brown sand 40. Water at 22.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont. London Twp.- cont. Con IX lot 17 Con IX " 28	C. Fish C. Bloomfield	R. Hudson	Jul. 14, 1962 Apr. 6, 1963	36 36	2 1	22 37	15 30	Fresh "	D D, S	Gravelly clay stone 15; blue clay 22; sand 24. Water at 22. Brown clay 12; blue clay 30; gravel 36; hard clay 38. Water at 30.
Con IX " 29	E. Bloomfield	"	Dec. 24, 1963	36	2	28	25	"	D, S	Brown clay 20; gravel 25; sand 30. Water at 25.
Con IX " 49	A. Gowan	Steinman & Baird	Sep. 8, 1962	4	12	64	51	"	D, S	Clay stones 28; grey clay 90; gritty grey clay 104; brown clay 124; gravel 128. Water at 128.
Con X " 5	L. McLeod	W. Dale	Feb. 15, 1963	5	9	62	60	"	D	Gritty brown clay 29; dirty gravel sand 52; gritty clay 125; gravel 127. Water at 127.
Con X " 10	H. Saunders	Steinman & Baird	Nov. 4, 1962	5	19	55	50	"	D	Stony hardpan 45; clay 50; gritty clay 80; coarse gravel 90. Water at 90.
Con X " 13	J. C. Carmichael	R. Smith	May 2, 1963	5	10	135	70	"	D, S	Hard stony clay hardpan 130; sand 148. Water from 140 to 148.
Con X " 16	Upper Medway Realty	R. Hudson	Oct. 22, 1963	36			14	"	D	Brown tossoil 14; quicksand 16; blue clay 23. Water at 14.
Con X " 23	G. Ardy	"	Jul. 5, 1963	36	2	20	14	"	S	Topssoil 2; brown clay 8; sandy clay 14; blue clay 18; sand 24. Water at 14.
Con X " 23	M. C. McKee	"	Oct. 6, 1963	36	4	18	14	"	D, S	Brown clay 9; blue clay 15; sand 20. Water at 15.
Con X " 24	G. Higgs	R. Smith	Jun. 1, 1960	7	5	22	17	"	D	Brown clay 28; blue clay 34; sand 36. Water at 34.
Con X " 24	M. Charlton	R. Hudson	Aug. 3, 1960	36	12	18	8	"	D, S	Clay 6; sandy clay 10; blue clay 20. Water at 20.
Con X " 24	W. J. Hunt	"	Jun. 3, 1963	36	15	20	13	"	D	Brown clay 10; blue clay 24; hard sand 26. Water at 26.
Con X " 24	A. Oosterman	"	Jun. 30, 1962	36	3	24	17	"	D	Brown clay 12; quicksand 13; blue clay 22; sand 26. Water at 22.
Con X " 24	B. Scott	"	Sep. 3, 1962	36	5	18	9	"	D	Brown clay 10; blue clay 22; sand 26. Water at 22.
Con X " 25	D. Hodgins	"	Jan. 25, 1961	4	2	132	85	"	D	Clay 60; hard clay 133; gravel 135. Water from 133 to 138.
Con X " 25	W. H. Pike	R. Smith	Oct. 7, 1963	36	3	49	47	"	D	Brown clay 15; blue clay 50. Water at 50.
Con X " 26	W. A. Burns	H. Siegrist	May 15, 1960	5	35	37	37	"	D	Topssoil 1; clay 53; gravel 54. Water at 53.
Con X " 27	C. Bloomfield	R. Hudson	Aug. 17, 1962	36	3	34	28	"	S	Brown clay 15; blue clay 22; gravel 23; blue clay 34; sand 35; blue clay 38. Water at 34.
Con X " 29	G. M. Bloomfield	"	Oct. 25, 1963					"		Brown clay 15; blue clay 30. Dry hole.
Con X " 29	"	"	Oct. 29, 1963	36	2	20	14	"	D, S	Brown clay 9; fine gravel 22. Water at 14.
Con XI " 9	A. Ferguson	"	Dec. 18, 1963	36				"		Brown clay 6; hardpan stones 18. Dry hole.
Con XI " 12	K. Mitorij	H. Siegrist	Oct. 4, 1962	5	4	65	51	"	D, S	Topssoil 1; hardpan 20; clay 40; hardpan 69; stone gravel 97; rock gravel 120; hardpan 137. Water at 137.
Con XI " 13	B. Cambridge	W. Dale	Oct. 26, 1961	5	5	140	100	"	D	Clay stones 31; hardpan 79; grey clay 114; clay gravel 143; sandy clay 168; grey brown limestone 181. Water from 172 to 181.
Con XI " 14	S. Pate	H. Siegrist	Apr. 1, 1961	4	5	100	70	"	D	Stones clay 12; brown clay 65; stony hardpan 82; sand stones 100; hardpan 172; sand gravel 173. Water from 172 to 173.
Con XI " 14	J. Blewett	W. Dale	Sep. 26, 1961	7	6	41	37	"	D	Sand gravel clay 11; clay stones 25; hardpan 39; sandy clay 74; blue clay 83; gravel 85.
Con XI " 16	K. Roberts	R. Hudson	Mar. 9, 1962	36	60	10	41	"	D	Topssoil 1; hard blue clay 10; gravel 14. Water at 10.
Con XI " 17	Bel-Mor Farms	W. Dale	Jun. 11, 1962	7	10	90	36	"	D, S	Clay stones 25; sand clay 29; sand 34; clay boulders 45; cemented gravel 63; sand gravel 66; cemented gravel 157; sand gravel 169; brown limestone 173. Water from 171 to 173.
Con XI " 17	Bethel Church	R. Hudson	Oct. 3, 1962	36	5	13	12	"	D	Hard clay 12; sand 16. Water at 12.
Con XI " 19	G. Burchall	"	May 12, 1962	36	1	22	12	"	S	Stones brown clay 16; blue clay 68; large boulders 72; blue clay 86; hardpan 120; gravel 120; sandy gravel 122; clay 86; hardpan gravel 94; brown clay 165. Dry hole.
Con XI " 25	P. McKinley	N. Steinman	Jun. 13, 1960	4				"		Brown clay stone 16; blue clay 69; boulder 72; blue clay 86; hardpan gravel 94; brown clay 120; sandy gravel 122; brown clay 120; gravel 124; hardpan 174; brown clay 185. Dry hole.
Con XI " 25	"	"	May 29, 1960	4	4	145	90	"	P	Brown clay 26; blue clay 90; hard clay 148; dirty sand 153. Water from 149 to 153.
Con XI " 25	Presbyterian Church	R. Smith	Aug. 6, 1961	5	4	145	90	Fresh		

Con	Lot	W. Dale	Ball Telephone Co.	Apr. 17, 1963	5	6	200	170	Sulphur	P	Notes
Con XI	" 25	R. Hudson	Elderton Community Hall	Oct. 10, 1963	36			12	Fresh	P	Brown clay 10; gritty grey clay 12; sand 124; horizon 103; sand 155; cemented gravel 213; soft limestone 222. Water at 222.
Con XI	" 26	H. Siegrist	N.S. Cyr	Jun. 22, 1960	5	7	31	31	"	P	Brown clay 10; sandy clay 20; blue clay 30. Water at 12.
Con XI	" 28	J.B. Johnston	D. Evans	Jun. 23, 1960	4	3	28	26	"	D	Topsoil 2; clay 35; horizon 44; gravel 45. Water at 44.
Con XI	" 29	R. Hudson	F. Hord	Aug. 4, 1961	36	5	16	12	"	P	Topsoil 1; sand 63; blue clay 65. Water from 58 to 63.
Con XII	" 9	J.B. Johnston	Twp. School Area No. 1	Apr. 22, 1960	4	30		168	Sulphur	S	Hard clay 12; sand 20. Water at 12.
Con XII	" 9	R. Hudson	Masonic Hall	Jul. 14, 1962	36	8	16	4	Fresh	F	Topsoil 1; red clay 14; gravel 6; blue clay 28; sand gravel 32; blue stony clay 117; horizon 132; stony clay 142; horizon gravel 155; grey limestone 300. Water at 250 and from 260 to 300.
Con XII	" 10	R. Smith	D. Kennedy	May 12, 1962	5	12	105	100	"	D	Brown clay 3; hard blue clay 14; silty clay 15; stones blue clay 16. Water at 14.
Con XII	" 13	H. Slaght	H. Slaght	Jul. 10, 1962	5	10	130	110	Sulphur	D	Stony hard clay 130; horizon 135; sand 150. Water from 135 to 150.
Con XII	" 17	J.M. Donaghey	J.B. Johnston	Apr. 4, 1961	4	5	66	58	Fresh	D	Hard stony clay 150; silty gravel 160; brown limestone 175. Water from 150 to 160 and at 174.
Con XII	" 20	R. Hudson	H. Filson	Dec. 5, 1963	< 8			15	Fresh	N	Fully 3; red clay 8; blue clay 30; sand 36; blue stony clay 132; muddy sand 145; horizon gravel 154; blue gritty clay 158; gravel sand 175. Water at 168.
Con XII	" 21	"	"	Jul. 1, 1961	36	10	20	15	"	D	Brown clay 18; sandy clay 24; horizon stones 32. Water at 20.
Con XII	" 28	"	"	Jun. 29, 1963	36	5	20	18	"	S	Brown clay 20; gravel 24. Water at 20.
Con XII	" 30	J. Corsaut	"	Apr. 1, 1961	5	6	65	55	"	D,S	Stony clay 30; fine sand 40; horizon 65; silty sand 85; horizon 96; sand gravel 100. Water at 41.
Con XIII	" 2	W. Bilyea	"	Jul. 1, 1963	36	8	220	190	"	S	Brown clay sandy streaks 12; blue clay 30. Water from 6 to 12.
Con XIII	" 5	W.S. O'Neil	C. & H. Kerr	Jul. 5, 1960	5 1/2				"	D,S	Boulder clay 65; stony clay 92; soft clay 95; boulder clay 130; grey rock 270. Water from 260 to 270.
Con XIII	" 16	G. Adams	R. Hudson	Sep. 2, 1963	36	5	16	13	"	D,S	Brown clay 131; sand 15; blue clay 20. Water at 13.
Con XIII	" 19	D. Eady	A.A. Heal	Nov. 9, 1961	4	6	103	91	"	D	Topsoil yellow clay 14; blue clay boulders 30; gritty clay 43; gravelly clay 77; gritty clay 108; gravel 112. Water from 108 to 112.
Con XIII	" 24	C. Pedersen	R. Hudson	Dec. 22, 1962	36			3	"	D	Brown clay 10; blue clay 34; stony clay 364. Water from 34 to 36.
Con XIV	" 8	Devises Cheese & Butter Co.	I. Lounsbury	Jan. 21, 1960	7	20	200	170	Sulphur	In	Black topsoil 2; yellow clay 10; blue clay boulders 19; blue clay 52; horizon stones 69; horizon 168; limestone 300. Water from 240 to 300.
Con XIV	" 14	A. DeKort	W.D. Honner & Sons	Oct. 25, 1963	4	6	205	200	Fresh	D,S	Topsoil 1; yellow clay 10; horizon 195; limestone 100; brown limestone 222. Water from 215 to 227.
Con XV	" 5	H. Bludau	H. Siegrist	Nov. 8, 1963	4	4	208	197	"	D,S	Topsoil sand gravel 1; sandy horizon 20; clay gravel stones 40; gravelly clay 80; clay stones 161 1/2; brown rock 212. Water at 205.
Con XV	" 7	H. McNorgan	R. Hudson	Sep. 3, 1963	36			26	Fresh	D	Brown stony clay 10; stones blue clay 24. Dry hole.
Con XV	" 11	B. Rudd	"	Dec. 13, 1963	36	15	26	26	"	D	Hard clay 12; shale rock 13; gravel 30. Water at 26.
Con XV	" 28	M. Ryckman	"	Sep. 8, 1961	36	20	28	26	"	D	Clay 8; stones clay 10; gravel 30. Water at 26.
Con XV	" 29	A. Jossier	"	May 5, 1962	36	15	16	16	"	C	Sandy soil 6; blue clay 16; gravel 18. Water at 16.
Con XV	" 29	D. Millson	"	Sep. 9, 1961	36	15	10	7	"	D	Brown clay 12; gravel 13. Water at 12.
Con XVI	" 10	R. Scafe	"	Oct. 19, 1963	36 1/2	1 1/2	12	8	"	D	Brown clay 10; gravel 11; blue clay 18. Water at 10.
Con XVI	" 24	W. Ainge	"	Jun. 29, 1962	36	2	18	5	"	D,S	Topsoil 2; brown clay 6; blue clay 16; gravel clay 20. Water at 16.
Con XVI	" 17	J. Rydall	"	Dec. 21, 1962	36			6	"	D	Brown clay 18; sandy clay 20; hard blue clay 28. Dry hole.
McCalliverty Twp. Con VII lot 6		D.H.O. Garage	C. Goodberry Well Drilling Ltd.	Mar. 5, 1960	6	15	90	72	Sulphur	P	Clay 14 1/2; horizon 154; clay 161; limestone 170. Water at 167.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. McGillivray Twp.-cont. Con I	B. Aitkinds	W.D. Hopper & Sons	Oct. 18, 1963	4	7	295	290	Fresh	D, S	Topsoil fill 3; sandy clay 15; blue clay 35; hardpan 101; loose rock 104; grey limestone 150; yellow limestone 290; brown limestone 320. Water from 290 to 320.
Con I	P. Febery	"	Jul. 20, 1963	4	7	290	285	"	D, S	Gravel 1; sandy yellow clay 10; blue clay 25; fine gravel 30; hardpan 110; rock 112; grey limestone 150; yellow limestone 285; brown limestone 315. Water from 285 to 315.
Con II	Lynn Bros	"	Feb. 26, 1963	4	9	90	96	Sulphur	S	Fill 1; yellow clay 15; coarse gravel 18; hardpan 97; rock 101; grey limestone 140. Water from 136 to 140.
Con II	A. Bice	C. Warren	May 14, 1962	5	5	52	40	Fresh	D, S	Clay 32; hard gravel 34; muddy sand 38; clay gravel 62; gravel 64. Water from 62 to 64.
Con II	J. Cunningham	Hedco Well Digging	Oct. 6, 1960	27 1/2	1 1/2	20	20	"	D, S	Topsoil 2; brown clay boulders 17; gravel 20; brown clay 25. Water at 20.
Con II	"	W.D. Hopper & Sons	Oct. 27, 1961	5	10	51	50	"	D, S	Topsoil 1; yellow clay 12; blue clay 22; hardpan 87; hard gravel 95. Water from 87 to 95.
Con III	R. Cunningham	"	Jul. 14, 1962	4	7	270	267	"	D, S	Topsoil fill 3; yellow clay 15; blue clay 48; quicksand 55; hardpan 118; loose rock 120; hard brown limestone 200; yellow limestone 267; brown limestone 296. Water from 267 to 296.
Con III	H.B. McFalls	C. Warren	May 16, 1962	5	8	55	41	"	D	Gravelly loam 15; hard clay gravel 48; gravel 52; hard clay gravel 60; gravel 62. Water from 60 to 62.
Con IV	G. Thompson	A.A. Heal	Apr. 30, 1962	4	4	66	54	"	D, S	Yellow topsoil 14; gravel 15; blue clay 22; boulders 24; clay 44; gravelly clay boulders 56; loose limestone 64; rock mud streaks 70; clay 88; gravelly clay 90; rock mud streaks 95; limestone 98. Water at 97.
Con IX	H. Fenton	"	Nov. 23, 1962	5	4	65	56	"	D, S	Yellow topsoil 8; sandy clay 10; clay 35; sandy clay 38; clay 44; boulders clay 60; gritty clay sand 88; loose limestone 91. Water at 90.
Con IX	J. Morgan	E.B. Hussey	Aug. 2, 1963	4	10	13	13	"	D	Yellow clay 10; blue clay 20; sandy clay 22; blue clay 30; sandy clay gravel 43; streaks brown limestone clay gravel 62; gravel 65. Water from 62 to 65.
Con X	G.A. Lee	A.A. Heal	Jan. 23, 1963	4	6	425	425	"	D	Topsoil yellow clay 20; blue clay 45; gritty clay boulders 90; gritty clay 101; coarse sand 105; hardpan 124; limestone 440. Water at 103 and from 435 to 440.
Con XII	K. Robinson	"	Apr. 13, 1962	5	6	205	205	"	D, S	Yellow topsoil 15; blue clay 55; gravel 57; blue clay 77; gritty clay 98; loose limestone mud streaks 126; limestone 220. Water at 215.
Con XII	G. Amos	R. Hudson	Sep. 5, 1963	42	5	133	133	"	D, S	Brown clay 15; blue clay 35; Dry hole.
Con XVII	H. Carey	W. Marsh & Sons	Jun. 21, 1963	5	5	133	133	"	D, S	Brown clay stones 20; blue clay stones 90; mild hardpan 130; coated gravel 135; broken limestone 138; brown limestone 143. Water at 143.
Con XXII	J. Dennis	A.A. Heal	Oct. 31, 1962	3	2	73	70	Sulphur	D	Topsoil yellow clay 14; blue clay 124; limestone clay 155; blue clay 147; limestone 148. Water from 147 to 148.
NE	H. Swartz	E.B. Hussey	Nov. 20, 1963	4	2	93	40	Fresh	D	Yellow clay 14; blue clay 26; clay gravel 39; hardpan boulder 79; hard brown limestone 105. Water from 82 to 105.
NE	"	"	Nov. 30, 1963	4	2 1/2	67	40	"	S	Yellow clay 11; blue clay 29; blue clay gravel 37; hardpan boulder 77; hard brown limestone 89. Water from 79 to 89.
NE	P. Glavin	"	Dec. 17, 1963	4	5	100	96	"	D, S	Clay 62; sandy clay 65; clay gravel 89. Water from 114; sand 116; hardpan limestone 127; boulders 122; gravelly hardpan streaks limestone 130; gravel sand 141. Water from 129 to 131.
Metairie Twp. Con I	H. Buttery	S. Earl	Oct. 28, 1961	4	2	65	52	Fresh	N	Sand 8; clay 14; sand clay 22; clay 122; hardpan 175; grey shale 192. Water at 192.

Con I	12	H. Buttery	S. Earl	Nov. 2, 1961 Nov. 4, 1961	4 4	3 1	65 100	59 70	Fresh "	N N	Sand 3; clay 8; sand clay 21; clay 118; hardpan 128. Water at 118 Sand 3; clay 8; sand clay 19; clay 50; fine sand 52; clay 114; hardpan 128. Water at 114.
Con II	"	H. Freer	Dolphin & Earl	Jul. 10, 1961 Jul. 13, 1961	4 4	5	60	30	Fresh	D, S	Yellow clay 10; blue clay 20; hardpan 115; gravel. Dry hole. Yellow clay 10; blue clay 20; gravel 62; blue clay 90; hardpan 90; gravel 96. Water at 96.
Con III	"	A. Lyons	"	Mar. 13, 1961	4	1½	100	24	"	D	Yellow clay 9; blue clay 10; hardpan 105; sand fine gravel 117; rock 121; gravel from 107 to 111.
Con III	"	M. Smithrim	S. Earl	Jul. 22, 1963	4	"	"	24	"	"	Sand 2; clay 11; hardpan 135; grey shale 194. Dry hole.
Con IV	"	L. Nugteren	R. Smith	Jun. 5, 1962	5	5	78	30	"	D, S	Old clay 25; blue clay 94; gravel 75. Water at 74.
Con IV	"	R. Veentrea	S. Earl	Jul. 11, 1963	4	5	78	30	"	"	Clay 62; hardpan 103; grey shale 170. Water from 103 to 105.
Con V	14	Metolife School Board	Dolphin & Earl	Nov. 29, 1961	4	10	60	7	Sulphur	P	Sand from yellow clay 10; blue clay 98; hardpan 111; gravel 115. Water at 115.
Con VI	"	R. J. Melnicior	"	Jan. 9, 1961	4	5	60	20	Fresh	D	Yellow clay 15; blue clay 75; hardpan 80; sand gravel 84. Water from 82 to 84.
Con VI	"	"	"	Apr. 10, 1961	4	"	14	"	"	"	Yellow clay 78; blue clay 84; hardpan 94; rock 97. Water at 84.
Con VI	"	"	"	Apr. 18, 1961	4	5	70	20	"	P	Yellow clay 78; blue clay 80; hardpan 82; sand 87; gravel 90. Water from 82 to 90.
Con VI	"	"	"	Apr. 22, 1961	4	10	60	20	"	P	Yellow clay 18; blue clay 80; hardpan gravel 96; rock. Dry hole.
Con VI	"	"	"	May 1, 1961	4	"	"	"	"	"	Yellow clay 18; blue clay 70; hardpan 74; sand gravel 80. Water from 78 to 80.
Con VI	"	"	"	Feb. 8, 1961	4	"	"	"	"	"	Yellow clay 18; blue clay 78; hardpan 97; rock. Dry hole.
Con VI	"	"	"	Apr. 14, 1961	4	"	"	"	"	"	Clay 9; blue clay 34; hardpan gravel 100; rock 158; Hamilton shale. Dry hole.
Con VIII	"	H. Fields	A. A. Heal	Jan. 28, 1961	4	"	"	"	"	"	Topsoil yellow clay 15; blue clay 50; muddy sand 51; blue clay 6; boulder gravel 72; muddy gravel 90; hardpan boulders 95; dry hole.
Con VIII	"	"	"	Feb. 1, 1961	4	3	90	25	Fresh	D	Topsoil yellow clay 15; blue clay 50; muddy sand 52; blue clay 5; muddy gravel 87; gravel 91; black shale 102. Water from 87 to 91.
Con XIII	"	M. McNaughton	Dolphin & Earl	Apr. 26, 1960	4	1½	60	10	"	S	Red clay 9; blue clay 75; hardpan 85; blue shale 91; black shale 110. Water at 76.
Con XIII	"	M. Richardson	R. Hudson	Aug. 11, 1962	26	2	16	5	"	S	Sand 8; blue clay 20. Water at 5.
Con XIV	"	S. Pierce	Dolphin & Earl	Nov. 8, 1963	4	2½	90	18	"	D, S	Blue clay 115; hardpan 120; grey rock 127. Water at 126.
Mosa Twp. Con I	"	J. Giles J. A. Telfer	G. Evans Water Resources	Apr. 5, 1961 Aug. 15, 1963	4 5	9 5	52 30	41 30	Fresh "	D, S D, S	Clay 50; fine coarse gravel 120. Water from 59 to 120. Topsoil sand 6; clay hardpan 28; sand fine gravel 170; hardpan 135; silt fine gravel soft shale 197; soft shale gravel 139. Water at 100, 134, 196 and 199.
Con II	"	R. P. Close	Dolphin & Earl	Sep. 18, 1962	4	5	80	12	Fresh	D	Yellow clay 19; blue clay 116; hardpan 124; hard grey rock 158. Dry hole.
Con II	"	T. P. Close	"	Sep. 21, 1962	4	"	"	"	"	"	Yellow clay 15; blue clay 90; gravel hardpan 105; rock 109.
Con II	"	W. Gardiner	"	Jun. 30, 1960	4	2½	76	41	"	D	Red clay 10; blue clay 52; sand 84; gravel 91. Water at 52 and 91.
Con II	"	J. McLean	"	Sep. 12, 1960	4	3	60	34	"	D, S	Blue clay 55; gravel 90; hardpan 113; gravel 116½. Water at 116½.
Con II	"	Four Counties Hosp. Board	Water Resources	Aug. 10, 1961	5	5	100	26	"	N	Sand 4; clay 58; hardpan 13; sand gravel 140; hardpan 14; grey shale 121. 13; hardpan 13; sand gravel 20; sandstone 211.
Con II	"	"	"	Aug. 23, 1961	5	20	28	8	"	P	Sand 4; clay 58; gravel 42; gravel 134; sandstone 111. Sand clay 5; black shale 120; gravel 134; sandstone 111. 118; hardpan sand gravel 126; hardpan fine gravel 140; sand stone 149; hardpan 152; grey shale 206; sandstone. Water from 35 to 40.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont										
Mesa Typ. cont., lot 7	M. Heycraft	Dolphin & Earl	Jul. 29, 1960	4	5	60	34	Fresh	S	Yellow clay sand 91; blue clay 78; gravel 79; black shale. Water from 78 to 79.
Con III	R. Dodds	R. McGaffey	Jun. 1, 1961	4	3	30	20	"	N	Topsoil sand 10; blue clay 67; boulders 68; hardpan 80; soft hardpan 90; shale 91; gravel 94. Water at 91.
Con III	"	Dolphin & Earl	Jul. 21, 1961	4	4	55	30	"	D, S	Sand 12; blue clay 64; hardpan 65; gravel 72. Water from 65 to 70.
Con IV	A. Gillies	"	Feb. 9, 1962	4	10	30	8	"	D, S	Red clay 18; blue clay 71; gravel 78. Water from 71 to 76.
Con IV	J. Florian	Water Resources	Nov. 2, 1961	5						Sand 12; clay hardpan 84; hardpan 98; gravel 104; hardpan 111; grey shale 156; grey limestone 162; soft grey shale 165. Water at 106.
Con IV	"	"	Nov. 7, 1961	5	2	95	26	"	D	Sand 8; clay 18; hardpan 62; caving hardpan 95; sand gravel 96. Water at 96.
Con V	K. Tofflemire	S. Earl	Sep. 29, 1960	4	7	37	20	Sulphur	D	Red sand 10; blue clay 76; hardpan 76; gravel 79. Water from 76 to 79.
Con VI	L. Jung	A.A. Heal	Mar. 9, 1960	4	10	26	16	Fresh	D	Topsoil sand yellow clay 16; soft blue clay 30; hard blue clay 77; soft black shale 78. Water from 76.5 to 77.5.
Con VII	D. McCallum	Dolphin & Earl	Nov. 7, 1960	4	< 1/2			"	N	Yellow clay 10; blue clay 67; gravel 76; hardpan 87; blue shale 100; black shale 110. Water at 87.
Con VII	"	"	Nov. 12, 1960	4				"		Yellow clay 8; sand 24; sand clay 74; hardpan 87; blue shale 95; black shale 100. Dry hole.
Con VII	"	"	Apr. 16, 1963	4				"		Yellow clay 20; clay sand 30; blue clay 80; clay sand gravel 90; hardpan 102; black shale 155. Dry hole.
Con VII	E. McVicar	"	May 26, 1960	4	3	25	24	Fresh	D, S	Red clay 9; blue clay 66.5; gravel. Water at 66.5.
Con VII	D.P. McVicar	Dolphin & Earl	Oct. 27, 1962	4	3	30	18	"	S	Sand 8; blue clay 68; hardpan 69; gravel 71. Water from 70 to 71.
Con VIII	L. Williams	S. Earl	Oct. 5, 1960	4	4	20	12	"	S	Sandy clay 12; blue clay 55; salt sand 79; grey shale 85; black shale 102. Water at 79.
Con VIII	"	"	Oct. 7, 1960	4	1/2	50	20	"	D	Blue clay 71; hardpan 72; grey shale 73; black shale 76. Water at 72.
Con X	M. Keating	Dolphin & Earl	Jun. 27, 1961	4	3	20	Flows	"	S	Blue clay 30; gravel. Water at 30.
LRN RI	R.J. Simpson	Water Resources	Sep. 3, 1962	5	10	95	32	"	D, S	Soil sand gravel 10; sand clay streaks 16; clay hardpan streaks 134; sand hardpan 146; sand fine gravel 150; coarse gravel 154. Water from 146 to 154.
LRN RI	W. Hallstone	"	Nov. 22, 1962	5			48	"		Sand 12; clay 13; sand 23; sand clay 36; clay hardpan 143; clay sand hardpan streaks 209; clay stone 209; soft grey shale 238; sandstone 250; shale 257; soapstone 255. Water at 143, 158, and 207.
LRN RI	"	Water Resources	Dec. 7, 1962	5	7	160	48	"	D, S	Sand 8; clay 9; sand clay 29; clay hardpan 163; clay sand gravel hardpan 166; clay hardpan 176. Water from 163 to 166.
LRN RI	M. Cameron	"	May 5, 1962	5	10	160	44	"	D	Topsoil sand streaks 8; clay 42; hardpan 52; clay stones 67; hardpan clay 155; sand fine gravel 154; clay small stones 155; sand fine gravel 160; sand gravel 162. Water at 135, 155 and 162.
LRN RI	A. Toth	"	Jun. 25, 1962	5	5	90	53	"	D	Sand 15; sand clay streaks 30; clay 40; fine sand 120; hardpan 102; fine sand fine gravel 139; sand 143; hardpan sand streaks 206; sand coarse gravel 210. Water at 108, 132, 170 and 206.
LRN RI	P. Dubucque	Dolphin & Earl	Nov. 26, 1963	4	6	90	40	"	D, S	Sand 5; clay 110; hardpan 135; hard gravel 138; gravel. Water at 138.
LRN RI	A. Black	Hadco Well Drilling	Mar. 13, 1962	30	3 1/2	29	21	"	D	Topsoil 1; brown sandy clay 21; brown coarse sand 23; blue clay 30. Water at 21.
LRN RI	Rabbit Breeders Co	Dolphin & Earl	Aug. 3, 1962	4	10	70	40	"	S	Sand 3; yellow clay 10; blue clay 95; gravel 98. Water from 95 to 99.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. North Dorchester Twp.--										
TRN Con I	W. Pratton	W. Dale	Nov.28,1962	5	12	56	51	Fresh	D,S	Brown clay 22; sand clay 52; soft clay 60; clay sand 93; gravel boulders clay 124; hardpan 138; gravel 142. Water at 142.
TRN Con I	H.J. Copland	M. Jones	Jul.1,1961	5	10	15	15	"	D	Yellow sand 31; grey sand 44; grey sand gravel 45; fine grey sand 81; fine grey sand gravel 95; dark brown limestone gypsum 98. Water at 45 and from 81 to 95 and at 98.
TRN Con I	G. Manzer	I. Lounsbury	Dec. 5,1962	5	4	40	12	"	D	Fine brown sand 27; blue clay 53; hardpan 86; hardpan boulders 91; hardpan 94; gravel 95. Water from 94 to 95.
TRN Con I	Cold Springs Turkey Farms	K. McLeod & Sons	Nov.21,1963	5	20	18	18	"	S	Brown clay 10; sand 19; dirty gravel 20; blue clay 40; coarse gravel 65; hardpan stones 84; limestone 90. Water from 84 to 90.
TRN Con II	L. Fredin	W. Dale	May 20,1961	5	7	61	30	"	D	Brown clay 16; clay stone 31; brown clay 47; hardpan stones 79; clay gravel 107; coarse sand 109. Water from 107 to 109.
TRN Con II	C.E. Miller	K. McLeod & Sons	Jun.28,1961	4	5	28	20	"	D	Brown clay 25; grey clay pebbles 35; hardpan stones 69; gravel 70. Water at 70.
TRN Con II	D. Williams	"	Feb.15,1960	4	5	20	20	"	D	Gravel 20; blue clay 40; hardpan 76; gravel 77. Water from 76 to 77.
TRN Con II	H. Brooks	W. Dale	Nov.17,1962	5	10	60	41	Sulphur	D,S	Sand 25; gravel 33; grey clay 110; cemented sand 137; grey limestone 139. Water at 139.
TRN Con III	L. Plannizan	B. Hudson	Jul.29,1961	36	3	22	19	Fresh	D	Clay 18; sand 21; blue clay 21. Water at 20.
TRN Con III	L. Brulotte	K. McLeod & Sons	Dec.17,1963	5	6	60	50	"	D,S	Brown clay 10; sand gravel 30; hardpan stones 111; limestone rock 112. Water at 112.
TRN Con III	K. Anderson	"	May 17,1962	4 1/2	6	40	38	"	D	Brown clay 20; grey clay stones 80; hardpan 114; gravel 115. Water at 115.
TRN Con III	D. White	Haddock Well Drilling	Aug.31,1961	27 1/2	4	29	18	"	D	Topsoil 1; brown sandy clay 16; boulders 17; brown sand 24; clay 26; brown sand 29. Water at 17 and 26.
TRN Con III	F. Teeter	W. Dale	Jan.17,1961	5	5	44	35	"	D,S	Subsoil 4; brown clay 30; clay gravel 50; clay sand 62; gravel 63 1/2. Water at 62.
TRN Con III	I. Dale	Kimberley Well Drilling Co. Ltd.	Mar.22,1962	6	8	30	12	"	D	Sandy loam 8; stony hardpan 58; coarse gravel 60. Water at 58.
TRN Con III	J.E. Harrison	M. Jones	Jun.21,1963	4	10	55	50	"	D	Sandy loam 20; gravel 22; clay 41; gravel 46; clay 76; sand 81; grey limestone 83; fine sand 88; clay sand 102; grey limestone 104. Water at 103.
TRN Con III	P. Hunter	W. Dale	Sep.27,1962	5	8	65	60	Sulphur	D,S	Tonsoil 6; sand 22; grey clay 57; hardpan 78; muddy clay 88; limestone 92. Water at 92.
TRN Con III	Kinsmen Camp P.U.C.	R. Smith International Water Supply Ltd.	May 4, 1962 Aug.22,1962	5	14	20	12	"	P T	Sand 18; grey clay 100; dark rock 105. Sandy clay 3; gravel 12; boulders 15; silt sand 20; boulders 21; clay boulders 26; gravel 30; clay gravel 36; gravel 37; rock 41.
TRN Con IV	"	"	Aug.23,1962	"	"	"	"	"	T	Sandy clay 7; gravel 19; brown clay gravel 17; white clay gravel boulders 23; clay gravel 33; rock 36.
TRN Con IV	"	"	Aug.24,1962	"	"	"	"	"	T	Sandy clay 3; sand 6; sand gravel 14; soft clay 17; clay boulders 25; clay gravel 38; rock.
TRN Con IV	"	"	Aug.28,1962	"	"	"	"	"	T	Sandy clay 4; gravel boulders 7; dirty sand 10; clay boulders 30; rock.
TRN Con IV	"	"	Aug.14,1962 Aug.15,1962	"	"	"	"	"	T T	Gravel 13; blue clay boulder 32; rock 36. Tonsoil 15; sandy clay 4; gravel 7; silt sand 11; brown clay boulders 19; blue clay gravel boulders 31; rock.
TRN Con IV	"	"	Aug.16,1962	"	"	"	"	"	T	Tonsoil 15; sandy clay 2; gravel 11; silt sand 14; soft brown sandy clay 24; clay boulders 26; blue clay 39; rock 41.
TRN Con IV	"	"	Aug.17,1962	"	"	"	"	"	T	Sandy gravel streaks 24; blue clay boulder 36; rock.
TRN Con IV	"	"	Aug.21,1962	"	"	"	"	"	T	Gravel boulders 5; silt wood 7; gravel boulders 12; clay boulders 26.

lot 7	T. Porter	W. Dale	May 10, 1960	5	15	50	18	Fresh	P	Tonsoil 4; gravel 6; clay gravel 42; gravel sand 47; clay gravel 51; sand 62. Water from 51 to 62. Old well 10; hardpan 76; hard grey limestone 80. Water at 78. Tonsoil 11; yellow sand 5; blue clay 20; hardpan 79; gravel limestone 84. Water at 82. Brown clay 15; black clay 17; clay gravel 47; clay cemented gravel 69; gravel shale 71. Fall grey clay 6; dirty sand gravel 11; clay boulder 26. Sandy clay 3; sand gravel boulders 8; clay boulders 26; sand gravel 28; white clay boulders 31; rock 36. Sandy clay 5; sand boulders 6; hard clay boulder 41; hard rock 43. Sandy clay 6; gravel boulders 7; hard clay 24; hard clay boulders 35; rock. Sandy clay 5; clay boulders 18; hard clay 31. Tonsoil 1; boulders 3; hard clay boulders 9; blue clay boulder 37; rock. Sand 5; gravel boulders 9; clay boulders 15; clay boulder 26. Sand 2; gravel 3; hard brown clay 8; blue clay 17; sand gravel 24; hard clay 29; hard clay 47; clay boulders 48; rock. Sandy clay 3; gravel 7; clay 14; clay boulders 36. Sandy clay 6; sand gravel boulders 8; sandy clay 12; hard clay 28; hard clay boulder 60; rock 61. Tonsoil 1; brown clay boulders 7; blue clay gravel boulders 40; rock 44. Tonsoil 1; sand clay 3; black clay wood 7; blue clay 14; clay boulders 30; hard clay 38; rock 39. Tonsoil 1; sandy clay 5; blue clay gravel boulders 25; hard clay streaks white clay 40; sandstone 47. Sand gravel boulders 7; clay 16; clay boulders 39; rock 41. Brown clay gravel boulders 18; blue clay boulders 26; coarse sand 27; hard clay boulders 41; sharp gravel 45; clay 48; clay gravel boulders 61; rock 64. Tonsoil 1; sand clay 7; gravel boulders 10; hard clay 16; gravel boulders clay streaks 30; gravel boulders clay 34; rock 37. Tonsoil 1; brown clay 5; sand gravel 7; blue clay 15; gravel boulders clay 26; hard clay 29; boulder 32; hard clay 37; rock 43. Tonsoil 1; sandy clay 5; gravel boulders clay 13; clay boulder 33; rock 45. Dark loam 2; yellow sand 5; gravel stones 35; sandy hardpan gravel 71; buff limestone 73. Dirty gravel 39; clean gravel 41. Water at 41. Tonsoil sandy loam 5; silty sand wood 13; gravel sand silt clay 27; cemented gravel 37; soft sandy clay 45. Tonsoil 1; sand 4; gravel boulders 8; clay boulder 20; sharp gravel boulders clay 38; rock 41. Sand clay 7; clay gravel boulders 14; gravel 17; clay boulder 35; rock 37. Sandy loam 6; gravel clay 12; clay gravel 19; sandy clay 27; cemented gravel 31; rock.
TRN Con IV	"	"	May 27, 1961	5	4	17	17	"	D	51; sand 62. Water from 51 to 62.
TRN Con IV	"	I. Lounsbury	May 15, 1961	5	6	24	17	"	D	Old well 10; hardpan 76; hard grey limestone 80. Water at 78.
TRN Con IV	"	"	Jan. 10, 1962	5	8	33	28	"	D	Tonsoil 11; yellow sand 5; blue clay 20; hardpan 79; gravel limestone 84. Water at 82.
TRN Con IV	"	W. Dale	Aug. 9, 1962	5	8	33	28	"	D	Brown clay 15; black clay 17; clay gravel 47; clay cemented gravel 69; gravel shale 71.
TRN Con IV	"	International Water Supply Ltd	Aug. 10, 1962	5	8	33	28	"	T	Fall grey clay 6; dirty sand gravel 11; clay boulder 26.
TRN Con V	"	"	Aug. 31, 1962	5	8	33	28	"	T	Sandy clay 3; sand gravel boulders 8; clay boulders 26; sand gravel 28; white clay boulders 31; rock 36.
TRN Con V	"	"	Sep. 4, 1962	5	8	33	28	"	T	Sandy clay 5; sand boulders 6; hard clay boulder 41; hard rock 43.
TRN Con V	"	"	Sep. 5, 1962	5	8	33	28	"	T	Sandy clay 6; gravel boulders 7; hard clay 24; hard clay boulders 35; rock.
TRN Con V	"	"	Sep. 7, 1962	5	8	33	28	"	T	Sandy clay 5; clay boulders 18; hard clay 31.
TRN Con V	"	"	Sep. 11, 1962	5	8	33	28	"	T	Tonsoil 1; boulders 3; hard clay boulders 9; blue clay boulder 37; rock.
TRN Con V	"	"	Sep. 12, 1962	5	8	33	28	"	T	Sand 5; gravel boulders 9; clay boulders 15; clay boulder 26.
TRN Con V	"	"	Sep. 14, 1962	5	8	33	28	"	T	Sand 2; gravel 3; hard brown clay 8; blue clay 17; sand gravel 24; hard clay 29; hard clay 47; clay boulders 48; rock.
TRN Con V	"	"	Aug. 30, 1962	5	8	33	28	"	T	Sandy clay 3; gravel 7; clay 14; clay boulders 36.
TRN Con V	"	"	Jul. 10, 1962	5	8	33	28	"	T	Sandy clay 6; sand gravel boulders 8; sandy clay 12; hard clay 28; hard clay boulder 60; rock 61.
TRN Con V	"	"	Jul. 11, 1962	5	8	33	28	"	T	Tonsoil 1; brown clay boulders 7; blue clay gravel boulders 40; rock 44.
TRN Con V	"	"	Jul. 17, 1962	5	8	33	28	"	T	Tonsoil 1; sand clay 3; black clay wood 7; blue clay 14; clay boulders 30; hard clay 38; rock 39.
TRN Con V	"	"	Jul. 19, 1962	5	8	33	28	"	T	Tonsoil 1; sandy clay 5; blue clay gravel boulders 25; hard clay streaks white clay 40; sandstone 47.
TRN Con V	"	"	Jul. 6, 1962	5	8	33	28	"	T	Sand gravel boulders 7; clay 16; clay boulders 39; rock 41.
TRN Con V	"	"	Jul. 3, 1962	5	8	33	28	"	T	Brown clay gravel boulders 18; blue clay boulders 26; coarse sand 27; hard clay boulders 41; sharp gravel 45; clay 48; clay gravel boulders 61; rock 64.
TRN Con V	"	"	Jul. 4, 1962	5	8	33	28	"	T	Tonsoil 1; sand clay 7; gravel boulders 10; hard clay 16; gravel boulders clay streaks 30; gravel boulders clay 34; rock 37.
TRN Con V	"	"	Jun. 26, 1962	5	8	33	28	"	T	Tonsoil 1; brown clay 5; sand gravel 7; blue clay 15; gravel boulders clay 26; hard clay 29; boulder 32; hard clay 37; rock 43.
TRN Con V	"	"	Oct. 4, 1963	5	8	33	28	"	T	Tonsoil 1; sandy clay 5; gravel boulders clay 13; clay boulder 33; rock 45.
TRN Con A	"	"	Sep. 27, 1962	5	8	33	28	"	T	Dark loam 2; yellow sand 5; gravel stones 35; sandy hardpan gravel 71; buff limestone 73.
TRN Con A	"	K. McLeod International Water Supply Ltd.	Jul. 12, 1962	5	8	33	28	"	D	Dirty gravel 39; clean gravel 41. Water at 41.
TRN Con A	"	"	Jul. 20, 1962	5	8	33	28	"	T	Tonsoil sandy loam 5; silty sand wood 13; gravel sand silt clay 27; cemented gravel 37; soft sandy clay 45.
TRN Con A	"	"	Jul. 24, 1962	5	8	33	28	"	T	Tonsoil 1; sand 4; gravel boulders 8; clay boulder 20; sharp gravel boulders clay 38; rock 41.
TRN Con A	"	"	Jul. 24, 1962	5	8	33	28	"	T	Sand clay 7; clay gravel boulders 14; gravel 17; clay boulder 35; rock 37.
TRN Con A	"	"	Jul. 24, 1962	5	8	33	28	"	T	Sandy loam 6; gravel clay 12; clay gravel 19; sandy clay 27; cemented gravel 31; rock.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont. North Dorchester Twp. cont.										
THS Con A lot 16	London P.U.C.	International Water Supply Ltd.	Sep.19,1962	5					T	Topsoil 1;dirty sand 3;gravel boulders 7;hard clay 16;clay 24;clay boulders 33;rock 37.
THS Con A " 16	"	"	Sep.19,1962	5					T	Sandy clay 5;gravel boulders 10;brown clay 13;hard blue clay boulder 37;rock.
THS Con A " 16	"	"	Sep.21,1962	5					T	Sandy clay 5;gravel boulders 8;clay boulders 14;hard clay boulders 26.
THS Con A " 20	"	"	Jul.26,1962	10					T	Sandy loam 2;sand 6;soft sandy clay 26;clay fine gravel 27;rock.
THS Con A " 20	"	"	Jul.30,1962	10					T	Sandy loam 1;sand 6;sandy clay gravel 29;rock.
THS Con A " 21	W. Boles	W. Dale	Oct.18,1960	5	7	58	23	Sulphur	D	Clay stones 29;horban 65;brown limestone 69. Water from 67 to 69.
THS Con A " 21	R. Scott	I. Lounsbury	Nov.15,1960	5	4	40	13	Fresh	D	Black loam 2;gravel 12;horban 53;stones gravel 63;gravel 64. Water from 83 to 64.
THS Con A " 22	London P.U.C.	International Water Supply Ltd.	Aug.7,1962	5					T	Topsoil 1;sandy clay 5;boulders gravel 9;clay boulder 26.
THS Con A " 23	"	"	Jul.27,1962	5					T	Sandy clay 5;boulder wood clay 8;sand gravel 21;cemented gravel boulders 24;clay boulders 31;rock 33.
THS Con A " 23	"	"	Jul.30,1962	5					T	Topsoil 4;sandy clay 9;dirty gravel 14;soft clay boulders 16;clay boulder 32;rock 33.
THS Con A " 23	"	"	Jul.31,1962	5					T	Sandy clay 6;sand gravel 13;boulder white clay 15;clay boulder 33;rock 37.
THS Con A " 23	"	"	Jul.25,1962	5					T	Sandy clay 7;sand gravel 15;clay 22;clay boulders 36;boulders rock 42.
THS Con A " 23	"	"	Jul.26,1962	5					T	Sandy clay gravel 8;sand gravel 16;soft clay wood boulders 19;clay boulders 33;rock 37.
THS Con A " 24	F. Soxby	W. Dale	Dec.31,1960	5	9	63	58	Fresh	D	Clay sand 21;horban 49;sandy clay 85;clay gravel 120;gravel 127. Water from 120 to 127.
THS Con A " 24	P. Madson	"	Feb.5,1962	5	6	60	43	"	D	Brown clay 15;clay gravel 26;grey clay 90;sandy clay 105;clay gravel 126;gravel 128. Water from 126 to 128.
THS Con A " 24	C. Lenkin	"	Feb.22,1962	5	3	95	43		D	Brown clay 14;clay gravel 29;grey clay 94;sandy clay 106;clay gravel 125;gravel 126. Water from 125 to 126.
THS Con A " 24	A. Kelly	"	Apr.26,1963	5	4	82	37	Fresh	D	Brown clay gravel 30;grey clay 60;cemented gravel 104;gravel 107. Water at 107.
THS Con A " 24	J. Howlett	I. Lounsbury	Sep.15,1963	5	2 1/2	59	30	"	D	Fill 3;gravel 16;horban 50;sand 61. Water from 53 to 61.
THS Con A " 24	P. Campbell	Hadco WellDigging	Oct.1,1963	27 1/2		62	14	"	D	Topsoil 2;brown sandy clay rocks 18;horban rocks 65. Water at 14.
THS Con B " 3	R. Hutchinson	K. McLeod & Sons	Jun.18,1960	4 1/2	6	14	10	"	D	Sand 45;blue clay 62;gravel 63. Water at 62.
THS Con B " 3	A. Adams	"	Jun.21,1960	4 1/2	6	14	10	"	D	Sand 7;gravel 41. Water at 41.
THS Con B " 4	E. Hansford	"	Apr.13,1962	4	5	25	10	"	D	Brown clay 10;sand 15;blue clay 30;horban 60;coarse gravel 70;gravel 72. Water at 72.
THS Con B " 4	A.P. Cornwall	J.H. Weaver & Son	Dec.9,1963	1	4	38	14	"	D	Old well 15;coarse gravel 25. Water at 14.
THS Con B " 5	M. Hould	K. McLeod & Sons	Aug.11,1960	4 1/2	5		36	"	D	Brown clay 47;nicksand 50;sand 55;brown clay 72;gravel 73. Water at 72.
THS Con B " 5	London P.U.C.	International Water Supply Ltd.	Jul.9,1962	10			5	"	T	Topsoil 1;brown loam 8;coarse gravel sand small boulders 36;clay gravel 39;soft sandy clay gravel 48;cemented gravel 50. Water at 8.
THS Con B " 5	"	"	Jul.16,1962	10					T	Topsoil sandy loam 5;clay gravel 15;dirty gravel 22;sandy clay gravel 34;cemented clay gravel 50;rock.
THS Con B " 5	"	"	Jul.18,1962	10					T	Topsoil sandy loam 4;sandy clay gravel 14;clay gravel 14;oriented gravel 49;rock.
THS Con B " 7	"	"	Oct.1 1962	10					T	Topsoil 2;clay Gravel 14;coarse gravel 27;silt clay 41.

North Dorchester - cont.

TRS	North Dorchester - cont.	G. Gribbeszi	J.H.Weaver & Son:- International Water Supply Ltd.	Apr.20,1961 Oct. 3,1962	1 10	8	22	Fresh	D,ir
TRS Con B	lot 8	"	"	Oct. 3,1962	10				T Black topsoil 2:clay fine gravel 14;coarse gravel 39;gravel sand 49.
TRS Con B	"	"	"	Oct.11,1962	12	8	29	Fresh	T Topsoil 2:dirty sand gravel 7;coarse sand gravel 25;coarse sand gravel small boulders 50;coarse sand gravel clay 52.
TRS Con B	"	"	"	Oct.15,1962			2	"	T Topsoil 3:soft muck 10;coarse sand gravel small boulders 40;coarse sand gravel boulders 45;fine sand pieces clay 48;fine sand gravel clay 50.
TRS Con B	"	"	"	Oct.16,1962				"	T Topsoil 2:sand gravel 10;coarse sand gravel 25;coarse sand gravel small boulders 36;coarse sand gravel boulders 42;gravel large pieces clay gravel 46.
TRS Con B	"	"	"	Oct.17,1962	1		3	"	T Topsoil 3:sand gravel 10;coarse sand gravel 20;coarse sand gravel small boulders 37;clay gravel 39.
TRS Con B	"	"	"	Oct.18,1962				"	T Topsoil 2:sand gravel 7;coarse sand gravel clay 30;coarse sand gravel boulders 48;coarse sand gravel clay 50.
TRS Con B	"	"	"	Oct.19,1962	1		6	"	T Topsoil 3:sand gravel 10;coarse sand gravel 35;coarse sand gravel boulders 48;coarse sand fine gravel 54;sand gravel clay 55.
TRS Con B	"	"	"	Jul.13,1962				"	T Brown clay gravel 5;blue clay gravel boulders 19;hard clay boulder 48;rock 54.
TRS Con B	"	H.Schlewinsky	H. Siegrist	May 27,1960	4	6	40	"	D Topsoil 1:clay 24;sand 50;sand clay 65;hard clay 72;gravel 73. Water at 72.
TRS Con B	"	D. Askie	W. Dale	Jan.12,1961	5	8	43	"	D Brown clay 43;sand clay 48;blue clay 55;soft clay 71;sand 75. Water from 71 to 75.
TRS Con B	"	R. Smith	"	Jan.18,1963	5	10	36	"	D,S Sort brown clay 31;sandy clay 62;grey sticky clay 73;gravel 86. Water at 86.
TRS Con I	"	J.Labatt Ltd.	K.McLeod & Sons	Dec.18,1961	5	6	35	Sulphur	D,S Brown clay 20;sand gravel 80;hardpan stones 102;coarse gravel 105. Water at 105.
TRS Con I	"	J.A. Fishleg'n	E.Hoover & Son	Feb.26,1963	5 1/2	3	33	Fresh	D,S Clay 20;grey sand 40;clay 60;sand gravel 118. Water from 60 to 118.
TRS Con I	"	P. Terry	"	Mar. 9,1963	5 1/2	3	32	"	D,S Sand 10;clay stones 30;gravel sand 53. Water from 30 to 53.
TRS Con I	"	M. Shackelton	"	Jun.22,1960	5	3	115	"	D Topsoil 3:red clay 12;blue clay 80;fine sand 110;clay 140;sand 145. Water at 145.
TRS Con I	"	H. Vanslyke	W. Dale	Dec.29,1960	5	10	48	"	D,S Yellow sand 67;brown clay 69;sand gravel 79;dirty gravel 132;gravel 134. Water at 132.
TRS Con I	"	H. Keene	"	Jan. 6,1961	5	8	52	"	D Previously drilled 60;dirty sand 77;sand 91. Water from 77 to 91.
TRS Con I	"	J.H.Gudgeon	Kimberly Well Drilling Co.Ltd	Mar.31,1962	6	8	70	"	D Brown clay 48;fine sand 90;coarse sand 108;coarse gravel 110. Water at 109.
TRS Con I	"	M. Heath	W. Dale	Jun. 1,1960	5	10	49	"	D Topsoil 2:clay 54;clay gravel 69;sand 78. Water from 69 to 78.
TRS Con I	"	W. Mallot	"	Dec. 2,1960	5	10	37	"	D Brown clay 23;sandy clay 47;blue clay 59;sand 72. Water from 67 to 70.
TRS Con II	"	H. Hudson	"	Mar.26,1960	4	23	8	"	D,D Old well 98;gravel 22. Water at 10.
TRS Con II	"	M. Lounsbury	E.B. Hussey	Oct. 5,1963	4	5	40	"	D Yellow clay 17;blue clay 31;sandy blue clay 76;sand 107;gravel 111;gravel sand 137. Water from 132 to 137.
TRS Con II	"	J. Hettlinga	R. Hudson	Sep.19,1963	36	2	16	"	D,S Topsoil 1:fine sand 12;coarse sand 17;quicksand 21. Water at 14.
TRS Con II	"	P. Harris	R. Smith	Sep. 7,1960	4	10	120	"	D,S Brown clay 18;blue clay 58;fine sand 140;gravel 142;hardpan 185;fine coarse sand 185;coarse sand 188. Water at 180.
TRS Con II	"	J. Bonnell	M. Jones	Jan.11,1963	5	8	66	"	D,S Sandy clay 50;fine sand 65;clay 90;coarse sand 110. Water at 50 and 90.
TRS Con II	"	A. Cromarty	W. Dale	Apr.23,1960	5	7	70	"	D,S Previously drilled 77;sandy clay 84;fine sand 89;gravel 92. Water at 89.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont. North Dorchester -cont.										
TRS Con III lot 4	S.S. # 2	E. Hoover & Sons	Jun. 7, 1963	7	20	4	Flows	Fresh	P	Topsoil 4; soft clay 74; sand gravel 103. Water from 74 to 103.
TRS Con III	E. Cornish	"	Aug. 24, 1960	5	3	85	65	"	D	Topsoil 4; red clay 12; blue clay 167; gravel 168. Water at 168.
TRS Con III	E. Axford	"	Mar. 29, 1961	5	3	85	75	"	D	Topsoil 3; red clay 15; blue clay 60; sand 145; gravel 150; sand 183; gravel 185.
TRS Con III	E. Grynning	W. Dale	Oct. 1, 1962	4	5	23	18	"	D, S	Clay 20; muddy sand 37; sand 44. Water at 44.
TRS Con IV	R. Lewis	"	Feb. 8, 1961	5	6	79	35	"	D, S	Brown clay 30; sand 90; gravel sand 125; gravel 130.
TRS Con IV	F. Jackson	E. Hoover & Sons	Jul. 18, 1963	5 1/2	5	30	25	"	D, S	Topsoil 5; red clay 15; gravel stones 20; blue clay 126; gravel sand 128. Water at 126.
TRS Con IV	M. Brunskill	W.L. McBeth	Jun. 29, 1962	5 1/2	5	65	45	"	D, S	Blue clay 4; hard sand 180; hardpan 187; gravel 187. Water at 187.
TRS Con IV	F. Finch	"	Aug. 30, 1962	5 1/2	5	155	80	"	D, S	Blue clay 35; clay silty sand 310; shale 315. Water at 315.
TRS Con IV	H. Pickles	W. Dale	Aug. 22, 1962	4	7	68	62	"	D, S	Brown clay 15; grey clay 46; soft clay 78; sand 84. Water from 78 to 84.
TRS Con IV	W. Rodgers	"	Oct. 21, 1963	4	7	35	23	"	D	Topsoil 2; brown clay 44; grey clay 23; sandy clay 44; fine sand 52. Water from 44 to 52.
TRS Con V	E. Parson	W.L. McBeth	Sep. 18, 1963	5 1/2	5	50	30	"	D, S	Brown clay 40; stony blue clay 69; hardpan 71; gravel. Water at 71.
TRS Con V	H. Elzinga	E. Hoover & Sons	Jan. 8, 1963	5	3	33	33	"	D, S	Clay stones 60; gravel sand 107; gravel 108. Water from 107 to 108.
TRS Con V	G. Smith	"	Jan. 18, 1960	5	4	40	20	"	D	Topsoil 4; red clay 30; blue clay 70; putty sand 80; blue clay 93; sand 94. Water at 94.
TRS Con V	G. Churchill	"	Oct. 17, 1960	5	3	8	3	"	D, S	Topsoil 3; blue clay 58; sand 59. Water at 59.
TRS Con V	M. Hunter	"	Dec. 24, 1962	5 1/2	2	95	23	"	D	Clay 4; yellow sand 73; clay stones 122; gravel sand 123. Water from 122 1/2 to 123.
TRS Con V	E. Longfield	W. Dale	Oct. 25, 1962	5	7	13	8	"	D, S	Topsoil 1; gravel 4; brown clay 11; gravel 13 1/2; blue clay 48; sandy clay 57; blue clay gravel 64. Water at 64.
TRS Con V	M. Secord	E. Hoover & Sons	Nov. 9, 1962	5 1/2	3	9	8	"	D, S	Red clay 15; blue clay 35; sand 37; blue clay 62; sand 63. Water at 62.
TRS Con V	P. Braber	E. Hussey	Jun. 6, 1963	4	5	150	21	"	D, S	Sandy clay 10; blue clay 40; clay gravel 55; quicksand clay 141; quicksand gravel 151; clay streaks quicksand 190; small stones sand 190; sandy hardpan 197. Water from 190 to 197.
TRS Con V	"	"	Jul. 10, 1963	4	20	37	37	"	D	Streaky hardpan 219; brown limestone 229. Water at 225.
TRS Con V	H. Paruhar	J.H. Weaver & Son	Dec. 22, 1961	1 1/2	8	3	25	"	D, S	Old well 27; brown quicksand 43. Water at 25.
TRS Con V	R. Helka	A. Wyatt	Oct. 10, 1963	5	3	87	82	"	D	Gravel clay fill 42; brown clay 47; quicksand 147; grey clay 168; hard sandy clay 171; gravel 172. Water at 172.
TRS Con V	A.H. Humphrey	W.L. McBeth	Nov. 10, 1961	5 1/2	6	70	65	"	D	Previously drilled 40; sand 160; hard blue clay stones 170; gravel 171. Water at 171.
TRS Con VI	A. P. Moore	W. Dale	Jul. 15, 1963	4	25	98	80	"	D, S	Old well 81; quicksand 101. Water at 101.
TRS Con VI	M. Goble	W. Burwell	Mar. 15, 1962	5				"		Brown clay 10; medium gravel 60; blue clay 160; boulders 200; Day hole.
TRS Con VI	G. Taylor	G. Warren	Oct. 6, 1960	5	5	34	24	"	D	Clay 10; sand gravel 54; gravel 55. Water from 54 to 55.
TRS Con VI	G.B. Johnston	W.L. McBeth	Aug. 31, 1961	5 1/2	5	55	36	"	D	Brown clay 50; sandy horizon 100; hardpan 150; quicksand 172; hard clay 175; gravel. Water at 175.
TRS Con VI	A. Wyatt & J.J. Goble	A. Wyatt	Dec. 2, 1962	5	7	29	28	"	D	Clay 17; soft clay 60; sand 70; dirty gravel 76; hardpan 78; coarse sand 85; water from 88 to 89.
TRS Con VI	P. Wylemans	"	Aug. 8, 1963	5	4	62	48	"	D, S	Topsoil 2; red clay 18; small stones 180; blue clay 65; coarse sand 85; fine sand 188; gravel 200; gravel sand 260; gravel sand 266; yellow clay 15; grey clay stones 31; putty sand 35; grey clay stones 126; dirty gravel 129; gravel clay stones 131; dirty gravel 136; gravel sand 154. Water from 136 to 154.
TRS Con VI	J. VanDenBrandt	G. Warren	Feb. 4, 1963	5	10	45	36	"	D, S	Topsoil 1; blue clay 54; sand 57. Water at 57.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. FEET	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont.										
Wetristler Twp. cont.										
Con A	C. Brown	I. Lounsbury	May 30, 1963	7	10	70	70	Fresh	D	Gravel stones 70; sand 82. Water at 70.
Con A	G. Cummings	J.B. Johnston	Jul. 11, 1963	4	2	173	58	"	D, S	Sandy clay; boulders 40; blue clay 61; silt 68; blue clay 112; sand 118; blue clay 173; gravel 177. Water from 173 to 177.
Con B	O. Lenzvet	I. Lounsbury	Oct. 3, 1961	7	5	175	130	"	D	Top 41 1/2 yellow clay stones 25; blue clay 3; brown sand 97; top brown sand 130; blue clay 132; brown sand 140; blue clay 155; brown sand 176; gravel 185. Water from 176 to 185.
Con B	J. Dunn	R. Hudson	Sep. 15, 1962	36	1	10	8	"	D	Sand 16; gravel 61; clay 65; sand gravel clay 95; cemented gravel 148; sand 194; clay sand 207; blue shale 265. Dry hole.
Con B	W. Dunn	W. Dale	Mar. 11, 1960	5				"	D	Clay stones 27; blue clay 43; horizon 61; blue clay 79; sandy clay 98; cemented gravel 124; grey limestone 158. Water at 177.
Con I	A. Hopkins	"	Jul. 13, 1961	5	9	34	32	"	D	Old well 4; brown clay 40; sort blue clay 69; clay sand 70; gravel 72; clay 80. Water from 70 to 72.
Con I	T. Esler	"	Jan. 25, 1962	5	5	69	68	"	D, S	Sand 5; clay stone 25; sand clay gravel 48; gravel clay 72; horizon 113; shale 171; dark limestone 138. Water from 130 to 138.
Con I	St. Pierre Const	W. Dale	Jul. 26, 1962	5	10	12	4	Sulphur	D	Brown sand 17; grey sand 28; horizon 45; gravel 52. Water from 45 to 52.
Con I	O. Poeslett	I. Lounsbury	Jul. 31, 1962	5	2	50	21	Fresh	D	Brown clay 17; blue clay 55; sandy clay 109; clay gravel 130; gravel sandy clay 145; horizon 150. Water from 150 to 150.
Con I	S. Hubbel	W. Dale	Aug. 20, 1960	5	3	125	80	"	D	Hard brown clay 15; blue clay 35; silty sand 75; fine black sand 80. Water at 75.
Con I	H. Voyce	R. Smith	Dec. 24, 1960	4	3	70	33	"	D	Brown clay 25; brown sand 55; fine black sand 72; fine sand 80. Water from 72 to 80.
Con I	J. Beatty	"	Oct. 7, 1960	4	5	65	53	"	D	Old well 24; brown sand 29; sandy clay 32; fine sand 38 1/2. Water from 36 to 38 1/2.
Con I	Hooks Restaurant	W. Dale	Mar. 19, 1960	5	12	23 1/2	18 1/2	"	P	Clay 1; clay 42; sand gravel 47. Water at 42.
Con I	J. C. Graham	H. Siegrist	Jun. 20, 1960	5	3	39	39	"	D	Yellow clay 8; blue clay 34; sand 52. Water from 34 to 52.
Con I	P. Graham	I. Lounsbury	Jul. 8, 1960	4	4	40	22	"	D	Topsoil 2; red clay 7; blue clay 28; red sand 31; blue clay 43; sand 45. Water from 31 to 43.
Con I	W. Hood	J.B. Johnston	Nov. 26, 1960	4	3	32	28	"	D	Sandy clay 40; putty sand 48; clay 80; blue clay 110; clay gravel 115; sand gravel 125. Water at 125.
Con I	C. Shaw	H. Stewart	Dec. 2, 1960	6	6	40	30	"	C	Yellow clay 20; blue clay 32; cemented gravel clay 55; sand streaks clay 70; sand 80; gravelly horizon sand 160; gravel sand small stones 170; small stones gravel sand 191; horizon gravel 203. Water from 195 to 203.
Con I	Johnstone & Johnstone	E.B. Hussey	Jun. 30, 1962	4	5	181	180	"	D	Brown clay 17; muddy sand 20; gravel clay 30; sand 61. Water at 61.
Con II	J. Vandenberg	W. Dale	Sep. 20, 1962	4	4	42	10	"	D, S	Old well 61; sandy clay 70; sand 80; gravel clay 90. Water at 80.
Con II	H. Esler	"	Mar. 6, 1962	4	5	69	67	"	D	Old well put 5; clay stones 21; blue clay 39; sandy clay 53; fine sand 64. Water from 61 to 64.
Con II	Dora Farms	"	May 3, 1963	4	9	63	61	"	D, S	Clay 50; silty sand 64; sand 70; fine sand 75. Water from 64 to 70.
Con II	G. Gracie	"	Aug. 30, 1961	5	2	61	47	"	D, S	Topsoil 1; brown clay 16; blue clay 32; blue sand 33; blue clay 40; blue fine sand 46. Water at 40.
Con II	W. Jackson	R. Smith	Mar. 15, 1963	5	10	65	55	"	D, S	Topsoil 1; brown clay 14; blue clay 36; blue grey sand 42; blue clay 44. Water at 38.
Con II	B. Jackson	"	Oct. 28, 1961	30	3	45	39	"	D	Old well 12; brown quicksand 32. Water at 12.
Con II	B. Everitt	HancoWell Drilling	May 29, 1962	30	2	43	38	"	P	Brown clay 24; grey clay 97; cemented gravel 103; gravel 108. Water from 103 to 108.
Con II	D. Critch	"	Aug. 28, 1962	1	6	12	12	"	D	
Con II	E.H. Heerden	J.H. Weaver & Son	Jul. 17, 1962	5	11	60	55	"	P	
Con II	Huron Steel Co.	W. Dale								

Con	II	32	T.W. Johnstone Co. Ltd.	I. Lounsbury	Oct. 3, 1963	5	4	50	40	Fresh	P	Yellow clay 12; blue clay 85; dirty gravel 90; hardpan 99; sand gravel 100. Water from 99 to 100.
Con	II	"	F. Gosnell	W. Dale	Mar. 30, 1961	5	3 1/2	56	26	"	D	Brown clay 14; blue clay 34; sandy clay 55; fine sand 60. Water from 56 to 60.
Con	II	"	W. Wasko	"	Oct. 11, 1960	5	12	26	19	"	D	Brown clay 11; blue clay 17; silty sand 29; fine sand 39 1/2. Water from 29 to 39 1/2.
Con	II	"	Ont. Dept. of Highways	I. Lounsbury	Jan. 30, 1963	8						Yellow clay 15; blue clay 28; grey sand 65; dirty grey sand clay 110; hardpan 121; grey sand 125; gravel 126; hardpan 198; black shale 200. Dry hole.
Con	II	"	"	W. Dale	May 27, 1963	4	10	44	16	Fresh	D	Brown clay 15; grey clay 32; silty sand 34; grey clay 50; sand 57. Water at 47.
Con	II	"	Produce Supply & Service Co. Ltd.	I. Lounsbury	Feb. 12, 1961	8						Topsoil 42; sand 56; clay stones 63; hardpan conglomerate 107; clay 116; sand 202; shale 204. Dry hole.
Con	II	"	"	"	Mar. 8, 1961	8	10	75	75	Fresh	N	Topsoil 45; hardpan 90; gravel 137; light sand clay 164; gravel 192; gravel 203. Water at 203.
Con	II	"	"	"	Mar. 31, 1961	8	15	75	75	"	N	Topsoil 48; hardpan 62; light sand 113; hardpan 162; gravel 201. Water at 113.
Con	II	"	"	"	Apr. 21, 1961	8	15	75	75	"	N	Topsoil 61; hardpan 92; light sand clay 189; light sand 202.
Con	II	"	"	"	May 25, 1961	8	20	75	75	"	N	Topsoil 60; sand clay 140; gravel 181; gravel silt 196.
Con	II	"	"	"	Jul. 20, 1961	8						Topsoil 51; sand clay 140; gravel sand 192; light sand 200. Dry hole.
Con	II	"	J. Plumbidre	W. Dale	May 12, 1960	5	5	121	70	Sulphur	D	Sandy clay 7; gravel 12; clay gravel 28; gravel 49; gravel clay 61; fine gravel 86; clay gravel 118; sand 131; silty sand clay 153; brown clay 179; gravel clay 215; grey shale 238. Water from 216 to 238.
Con	II	"	C.E. Reeves	"	Sep. 20, 1961	5	9	30	30	Fresh	D	Sand 6; clay stones 34; clay sand gravel 48; sand 52. Water from 48 to 52.
Con	II	"	S. Toy	"	Nov. 3, 1961	5	7 1/2	43	36	"	D	Brown clay 15; blue clay 24; grey clay 38; sand 50. Water at 50.
Con	III	"	G. Wright	R. Smith	Dec. 17, 1962	2	3 1/2	20	20	"	D	Clay 35; fine sand 65. Water at 60.
Con	III	"	C. Smith	"	Mar. 21, 1963	2	3	18	18	"	D	Clay 35; fine sand 84. Water at 84.
Con	III	"	G. Smith	W. Dale	Jun. 17, 1963	4	7	20	11	"	D	Brown clay 23; sort grey clay 38; quicksand 52. Water at 48.
Con	III	"	G. Manning	"	Dec. 19, 1963	4	1 1/2	48	20	"	D	Old well 23; brown sand 47; fine grey sand 61. Water from 41 to 45.
Con	III	"	H. Scott	"	Aug. 6, 1962	5	12	34	33	"	D, S	Brown clay 18; muddy clay 67; sand clay 108; sort clay 132; sandy clay 162; gravel 178. Water from 162 to 178.
Con	III	"	T. Baker	"	Jun. 11, 1962	4	11	34	29	"	D, S	Brown clay stones 19; grey clay 39; sandy clay 48; sand 65. Water from 48 to 65.
Con	III	"	St. Lawrence cement Co. Ltd.	"	Sep. 10, 1960	5						Soil 4; clay 46; clay sand 78; sort clay 119; muddy gravel 140; blue clay 182. Dry hole.
Con	III	"	"	"	Sep. 30, 1960	5	5	84	31	Fresh	C	Topsoil 4; clay 44; clay sand 70; clay gravel 97; sort clay 117; sand 122; sandy clay 153; sand 157. Water at 153.
Con	III	"	Tre-sure Island Shop Centre	I. Lounsbury	Mar. 22, 1961	5						Topsoil 1; blue clay small stones 3; blue clay 120; hardpan 123; dirty sand gravel 125; hardpan 145; blue clay 178. Dry hole.
Con	III	"	"	"	Apr. 12, 1961	5	30	40	30	Fresh	T	Topsoil 1; yellow clay 10; blue clay 114; hardpan 142; fine gravel 151; coarse sand 162; coarse gravel 180. Water from 142 to 180.
Con	III	"	"	"	May 5, 1961	8	100	50	30	"	P	Topsoil 1; yellow clay 12; blue clay 114; hardpan 142; fine gravel 151; coarse sand 162; coarse gravel 180. Water from 142 to 180.
Con	III	"	G. Penblatn	W. Dale	Sep. 25, 1963	5	8	82	50	"	D, S	Brown clay 15; blue clay 43; grey clay stone 67; sort grey clay 113; gravel clay 116; sand 120. Water from 116 to 120.
Con	III	"	"	"	Nov. 28, 1963	7	17	119	42	"	P	Topsoil 1; brown clay gravel 16; dirty fine sand 20; sandy grey clay 49; dirty fine sand 54; grey clay 101; sand gravel clay 124; packed gravel sand clay 129; hard packed clay gravel 144; packed sand fine gravel clay 151; sandy grey clay 185. Water 151.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. Westminster Twp. cont. Con III	Can. Duphar Ltd.	International Water Supply Ltd.	Nov. 29, 1963	7	18	125 1/2	44	Fresh	In
" 16	Tower's Store	I. Lounsbury	Aug. 30, 1961	8	70	94	26	"	P
" 16	Conley Const. Co.	H. Siegrist	Jul. 30, 1962	5 1/2					
" 21	London P.U.C.	International Water Supply Ltd.	Feb. 23, 1961	5					T
Con III	Z. Podaszwa	I. Lounsbury	Oct. 16, 1963	5	3	90	30	Fresh	D
Con III	R. Johnston	J.B. Johnston	Aug. 15, 1962	4 1/2	4	45	36	"	D
Con III	B. Hartford	W. Dale	Sep. 20, 1960	3	1 1/2	75	12	"	D
Con III	Imperial Oil Co.	I. Lounsbury	May 4, 1960	4	4	12	3 1/2	"	C
Con IV	J. Roemin	W. Dale	Apr. 28, 1961	4	3	42	8	"	D
" 1	E. Miners	"	Mar. 22, 1963	4	3 1/2	50	15	"	D
Con IV	L. Greenway	"	Sep. 14, 1963	4	2	54	24	"	D
Con IV	J. Robbins	"	May 14, 1963	5	10	54	40	"	D, S
Con IV	G. Houlton	W. Dale	Jul. 22, 1963	4	4 1/2	77	45	"	D, S
Con IV	H. Free	"	Dec. 29, 1962	5	2	264	98	"	D, S
Con IV	M. Murray	J.H. Weaver	Oct. 8, 1963	1	3			"	D
Con IV	H. Anderson	R. Smith	May 14, 1963	5	12	80	75	"	D, S
Con IV	S.S. White Onk	W. Dale	Feb. 17, 1960	4	9	31	28	"	P
Con IV	London P.U.C.	International Water Supply Ltd.	Apr. 6, 1961	2	102	38	37 1/2	"	T
Con IV	"	"	Dec. 5, 1960	5					7-61
" 22	"	"							28-60
Con IV	"	"	May 25, 1961	5					T
Con IV	"	"	May 29, 1961	5					10-61
Con IV	"	"							11-61

Westminster Twp. cont.	Con V	W. Cornish	W. Dale	Sept. 20, 1963	4	7½	67	51	Fresh	D, S	Notes
Con V	"	3	C. Wilcox	Dec. 7, 1963	4	1½	65	42	"	D, S	Brown clay 18; grey clay 46; grey clay stone 52; grey clay 68; muddy sand 87; sand 94; brown clay 97. Water from 88 to 93.
Con V	"	5	J. Edwards	May 18, 1963	4	2	63	45	"	D	Old well 33; fine grey sand 68. Water from 60 to 64.
Con V	"	8	R. Smith	Sept. 23, 1960	4	10	60	45	"	D, S	Brown clay 16; grey clay 57; gravel 59; grey clay 64. Water at 57.
Con V	"	9	B. Lee	Aug. 12, 1963	5	6	12	96	"	D, S	Brown clay 16; blue clay 140; sand 190. Water from 184 to 190. Previously drilled 244; clay gravel 261; grey soft clay 266; clay gravel 273; muddy clay gravel 290; sand & shale 291. Water at 291.
Con V	"	12	I. Lounsbury	May 16, 1962	5	3	130	105	"	D	Hard yellow clay 22; blue clay 69; dirty sand gravel 70; blue clay 140; fine grey sand 180; blue clay 258; gravel 259. Water from 258 to 259.
Con V	"	13	A. Gough	Jun. 24, 1961	5	15	110	105	"	D, S	Brown clay 18; blue clay 65; fine sand 75; hard clay 105; sand 145; hard clay 240; coarse sand 250. Water at 240.
Con V	"	14	E. Boe	Sept. 9, 1961	5	9	55	50	"	D	Brown clay 15; sand 60; brown coarse sand 75. Water at 60.
Con V	"	14	A. Johnston	Feb. 12, 1963	5			100	Mineral	N	Brown clay 26; blue clay 60; sand 72; streaks sand clay 150; clay 220; hardpan 230; clay sand 240; clay 308; grey rock 312.
Con V	"	14	"	Feb. 28, 1963	5	10	180	110	Fresh	D, S	Brown clay 26; blue clay 60; sand 72; streaks sand clay 150; clay 220; hardpan 230; sand 238. Water from 230 to 238.
Con V	"	15	W. Dale	Sept. 27, 1960	7	60	115	68	Fresh	P	Previously drilled 92; gravel 104; clay gravel 118; silty sand 179; sandy clay 202. Dry hole.
Con V	"	15	International Water Supply Ltd.	Dec. 12, 1961	7						Topsoil 1; brown clay stones 18; grey clay stones 75; fine grey silt 79; brown clay silt 87; grey clay gravel 123; hard cemented fine gravel 127; fine gravel silt 172; grey clay hard streaks fine gravel 200. Water at 172.
Con V	"	15	W. Dale	Oct. 6, 1960	5	11	74	67	"	P	Brown clay 11; blue clay 39; sandy clay 89; gravel 93; silty sand 130. Water from 89 to 93.
Con V	"	15	"	Apr. 30, 1962	5	11	102	95	"	D	Previously drilled 93; sand 124; clay sand 190; gravel clay 222; gravel 224. Water from 222 to 224.
Con V	"	16	London P.U.C. International Water Supply Ltd.	Mar. 13, 1961	4	1	113		Sulphur	N	Topsoil brown clay 3; sandy grey clay stones 30; sandy grey clay fine gravel 172; grey clay hard streaks fine gravel 193; grey clay hard streaks fine gravel 243; hard grey clay shale 246; brown clay shale 256; dark grey clay shale 294; dark grey limestone 320. Water from 294 to 320.
Con V	"	16	J. Warren	Oct. 2, 1963	5	4½	115	55	Fresh	D	Old well 16; muddy sand 21; grey clay 44; grey clay gravel 93; grey clay 138; dirty gravel 140; gravel 144; blue clay 147. Water from 140 to 144.
Con V	"	19	O. Jones	Sept. 4, 1963	7	7½	108	96	"	D, S	Old well 32; grey clay 56; coarse gravel 92; clean gravel 101; cemented gravel 136; clay gravel 160; fine gravel 163; limestone 162 to 163.
Con VI	"	1	D. Weaver	Feb. 15, 1960	1	8	22		"	D	Topsoil 1; brown stony clay 16; blue stony clay 22; coarse gravel 25. Water at 22.
Con VI	"	3	T. Mickleburgh	Jul. 2, 1963	5	8	62	44	"	D, S	Brown clay 14; gritty grey clay 118; soft grey clay 132; sandy clay 139; hardpan 163; hard grey clay 179; sand 181. Water at 181.
Con VI	"	3	"	Jul. 8, 1963	4	6	48	26	"	D, S	Old well 26; sand 43; grey clay 48; quicksand 57. Water at 57.
Con VI	"	12	H.B. McNeill	Nov. 6, 1962	30	4	45	35	"	D, S	Topsoil 6; brown sandy clay 6; brown clay 21; blue clay 35; brown sand 49. Water at 35.
Con VI	"	13	A. Kunkel	Jun. 6, 1962	5	10	72	65	"	D, S	Brown clay gravel 22; grey clay 49; sandy clay 60; grey clay 90; clay sand 140; soft clay 179; sand 191. Water from 179 to 191.
Con VI	"	14	W. Gough	Jun. 22, 1961	5	6	72	66	"	D, S	Old well 4; brown clay 16; blue clay 63; sandy clay 74; gravel sand 80. Water from 76 to 80.
Con VI	"	14	"	Nov. 8, 1962	5	7½	125	110	"	B, S	Previously drilled 76; muddy sand 124; clay sand 190; gravel clay 212; gravel 220. Water at 220.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
MIDDLESEX COUNTY -cont. Westminister Twp. cont. Con VI	P. U. C.	International Water Supply Ltd.	Jul.13,1960	2	17	70	54	Fresh	T 9-60	Topsoil 1;brown clay 10;grey clay 16;silty sand 28;grey clay silty sand 28;grey clay 62;gravel sand silt clay 78;sandy clay 138; grey clay streaks gravel 146;gravel sand silt clay 168;sand silt gravel clay 25;grey clay gravel boulders 265;shale 266. Blue clay 90;brown sand 130;clay 160;coarse sand 200. Water at 160.
Con VI	J. Turnerand R. Houghton	R. Smith	Sep. 8,1961 Aug.30,1963	5 5	5 12	105 96	100 90	" "	D,S D,S	Blue clay 90;brown sand 130;clay 160;coarse sand 200. Water at 160.
Con VI	London P.U.C.	International Water Supply Ltd.	Mar. 9,1960						T 1-60	Clay 72;hardpan 73;hard clay small rock particles 91;fine sand 112;sand silt 165;sand silt gravel cemented 166;cemented sand silt 199;sand silt hard gravel 217;clay boulders 231; clay sand 256;hard clay 161;hard clay boulders 264;brown clay cemented gravel 306;shale.
Con VI	B. Jackson	R. Smith	Jul.22,1963	5	10	116	104	Fresh	D,S	Brown clay 18;blue clay 47;silty brown sand 78;blue clay 92; silty sand 148;hardpan 179;boulders 182;gravel clay 22;coarse sand 236. Water from 225 to 236.
Con VI	London P.U.C.	International Water Supply Ltd.	Mar.24,1960 May 31,1960	5 2	20	71	66	Fresh	T 2-60 T 4-60	Clay 129;coarse sand silt 150;clay sand silt 178;boulders 179; gravel sand cemented silt 297;rock 298. 73;grey clay 145; Topsoil 1;grey clay 43;dirty silty sand 73;grey clay 145; gravel 175;gravel clay 177;gravel 182;grey clay gravel 190.
Con VI	"	"	Oct.11,1960						T 20-60	Topsoil 3;brown clay stones 8;grey clay stones 20;dark grey silt 44;grey clay 70;grey clay fine gravel 150;grey clay hard packed gravel 205;dark grey clay 230.
Con VI	"	"	Oct.18,1960	2	4	112	107	Fresh	T 21-60	Topsoil 4;brown clay 12;grey clay 72;grey clay silt 98;grey clay streaks fine gravel 102;grey clay fine gravel 122;grey clay fine gravel 160;coarse gravel fine sand 193;silt clay grey clay streaks fine gravel 210;dark grey clay shale 253.
Con VI	"	"	Jun. 7,1960						T 5-60	Topsoil 1;brown clay 10;grey clay boulders 20;grey clay streaks sand gravel 51;silt sand gravel 59;grey clay gravel 170;hard clay gravel 204;clay gravel boulders 295.
Con VI	"	"	May 17,1960	2	20	77	73	Fresh	T 3-60	Topsoil 1;brown clay 10;grey clay boulders 158;gravel 191.
Con VI	"	"	Sep.19,1961	16	1000	117	97	"	T 3-60	Brown clay 10;blue clay 121;clay gravel 123;boulders clay 128; clay gravel 137;gravel clay 157;clay gravel 160;gravel sand 190;sand gravel clay 191;gravel sand clay 195;gravel sand 207; clay. Water at 160.
Con VI	"	"	Oct.23,1960						T 24-60	Topsoil 2;brown clay stones 8;grey clay fine gravel 70;grey clay fine sand fine gravel 142;hard cemented fine gravel 143;grey clay fine gravel 172;hard clay coarse gravel 18; hard cemented fine gravel 184;grey clay fine gravel hard streaks 200;coarse dirty gravel clay 210;very hard dark grey clay 220.
Con VI	"	"	Nov.29,1960	4	12	37	35	Fresh	T 27-60	Brown clay stones 8;grey clay stones 46;grey clay streaks silt 70;silty grey clay 157;coarse gravel sand 169;grey clay gravel 172;hard grey clay gravel 184;hard dark grey clay 218;shale.
Con VI	R.G. Anderson	H. Slegrist	May 15,1963	4			256	Oil	N	Old well 14;blue clay 180;hardpan sand 185;blue clay 265; black rock 266. Water at 266.
Con VI	Ont. Dept.of Transport	W. Dale	Mar.23,1962	4	8	137	137	Fresh	P	Brown clay 26;blue clay 54;sandy clay 69;blue clay 101; clay gravel 143;sandy gravel clay 168;fine gravel 185;sand 201;gravel 205;muddy gravel 208. Water from 202 to 205.
Con VI	"	"	Dec.11,1961	5	7 1/2	62	32	"	D	Brown clay 14;clay gravel 23;blue clay 44;gravel clay 70; sand clay 82;soft clay 128;muddy sand 140;gravel clay 170;

	J. Campbell	W. Dale	Nov. 28, 1960	5	6 1/2	35	34	Fresh	D, S	
Con VII	" 11	P.U.C.	Jun. 23, 1960	5					T	Brown clay 17; blue clay 45; muddy gravel 48; blue clay 151; sandy clay gravel 180; hardpan 221; clay gravel 239; silty clay 241. Water at 239.
Con VII	" 11	"	Jul. 20, 1960	5					7-60	Toscoll 1; brown clay 9; grey clay 19; silty sand 26; silty clay 50; grey clay 140; clay gravel streaks 163; grey clay 180; clay gravel 185; shale 250.
Con VII	" 12	"	Jun. 30, 1960	5					10-60	Toscoll 1; dirty brown sand 3; brown clay 7; grey clay 16; silty sand 20; grey clay 14; gravel 149; grey clay 152; gravel clay 153; grey clay gravel boulders 207; clay gravel 249; shale 251.
Con VII	" 13	"	Aug. 19, 1960	2	22	84	41	Fresh	8-60	Toscoll 1; brown clay 9; grey clay 19; silty sand 26; grey clay 150; fine gravel 157; grey clay gravel 187; fine sand gravel clay 206; clay gravel 243; shale 250.
Con VII	" 14	"	Sep. 1, 1960	2	20	60	45	"	13-60	Toscoll 4; brown clay 7; sandy grey clay stones 51; sandy grey clay fine gravel 171; grey clay silt 176; grey clay fine gravel 187; coarse gravel clay 20; dirty clay dark grey clay 264; dark grey shale. Water from 147 to 250.
Con VII	" 15	"	Sep. 7, 1960	2	20	69	61	"	14-60	Toscoll 4; grey clay 19; fine sand clay 28; grey clay soft streaks stones 78; grey clay stones 105; grey clay fine gravel 171; sand coarse gravel fine sand 219; hard dark grey clay 236.
Con VII	" 16	"	May 8, 1962	5	75	89 1/2	86	"	15-60	Sandy grey clay; brown clay 8; grey clay 27; grey clay sand silt 38; hard grey clay sand gravel 76; packed streaks sand gravel clay 88; sand gravel 107; clay silt packed sand gravel clay silt 118; hard clay boulders 170.
Con VII	" 17	W. Dale	Jul. 3, 1962	5	10	80	85	"	D	Previously drilled 88; sandy clay 110; gritty grey clay 167; sandy clay 186; sand gravel 191. Water at 191.
Con VII	" 17	R. Smith	Mar. 10, 1963	5	10	93	85	"	D	Brown clay 16; blue clay 100; sand gravel 114. Water at 100.
Con VII	" 17	"	Sep. 25, 1963	5	10	85	85	"	D, S	Clay 30; fine sand 40; sand clay 130; sand 160. Water from 130 to 160.
Con VII	" 19	P.U.C.	Sep. 20, 1960	2	15	58	56	"	D, S	Brown clay 35; fine brown sand 80; blue clay 112; hardpan 124; fine grey sand 149; silty clay 152; coarse sand 158. Water from 124 to 149 and from 152 to 158.
Con VII	" 19	"	Sep. 23, 1960	5					T	Toscoll 3; grey clay gravel 3; grey clay silt 50; grey clay 130; grey clay streaks sand gravel 140; coarse gravel clay packed hard 154; coarse gravel 157; coarse gravel clay 180; coarse gravel 192; grey clay sand streaks gravel 254; dark grey shale.
Con VII	" 19	B. MacVicar	Jul. 29, 1962	5	10	135	110	Fresh	18-60	Toscoll 2; brown clay 10; sandy grey clay 21; grey clay silt 40; grey clay gravel 210; fine gravel 170; coarse gravel clay 182; grey clay gravel 210; fine sand 65; blue clay 170; sand 190. Water from 170 to 200.
Con VIII	" 6	A. Wills'ie	Nov. 15, 1963	5	10	38	32 1/2	"	D, S	Brown clay 2; blue clay 20; grey clay 55; grey clay gravel 66; brown clay 90; fine sand 20; sand 125. Water from 126 to 125.
Con VIII	" 12	H. Rose	Aug. 1, 1963	5	17	87	53	"	D	Grey clay 11; fine sand 20; sand 40. Water from 40 to 110.
Con VIII	" 14	P.U.C.	Sep. 13, 1960	2	25	45	42	"	16-60	Clay gravel 189; gravel clay 195. Water from 195 to 189.
Con VIII	" 15	"	Jun. 17, 1960	2	20	55	49	"	T	Toscoll 2; brown clay sand 10; sandy grey clay stones 108; grey clay gravel 148; coarse sand fine gravel 214; silt dark grey clay 246.
Con VIII	" 15	"		2	20	55	49	"	6-60	Toscoll 1; brown clay 9; grey clay 34; dirty silty sand 40; grey clay gravel 128; grey clay gravel 147; grey clay gravel sand silt boulders 186; gravel sand silt clay boulders 223; grey clay gravel 258; hard clay gravel 267; shale 280.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STARTING LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY -cont. Westminster Twp. cont. Con VIII lot 15	P.U.C.	International Water Supply Ltd	Sep.30,1960	2	20	72	67½	Fresh	T 19-60	Topsoil 3;grey clay stones 30;grey clay streaks silt 40;grey clay fine gravel 90;fine gravel sand silt 120;hard packed gravel silt 124;grey clay gravel silt 174;hard streaks clay gravel silt 183;fine gravel silt 197;gravel clay silt 203;fine gravel silt 287;grey clay gravel 243;grey clay 264;dark grey clay shale. Topsoil 2;brown clay stones 20;grey fine silt fine gravel 40;grey clay fine gravel 50;grey clay fine gravel 60;grey clay gravel silt 100;fine grey silt fine gravel 131;silt fine gravel clay 151;grey clay hard streaks fine gravel 176;coarse gravel clay 195;hard streaks fine gravel 197;grey clay fine gravel 210. Topsoil 6;brown clay 10;grey clay silt 61;fine sand clay 64;sandy clay gravel 126;clay sand gravel 142;gravel sand clay 182;clay gravel sand 193;hard packed clay sand gravel boulder 198;gravel sand silt 227;gravel sand silt clay 228;boulder 231. clay dirty sand gravel silt 231½. Topsoil 1;brown clay 10;grey clay 36;silty sand streaks clay 51;grey clay 56;silty sand streaks clay 81;silty sand gravel clay 112;hard clay gravel 208;sand gravel clay 240;clay gravel 255;shale 260. Water from 51 to 112. Topsoil 3;sandy grey clay 30;silt clay 50;grey clay gravel stones 150;hard packed gravel 162;clay hard grey clay boulders 172;hard clay fine gravel 247;dark grey shale. Topsoil 1;brown clay 14;grey clay 35;brown sand 44. Water at 35. Brown clay 25;blue clay 40;gravel 43;blue clay 127;sand gravel clay 201;gravel 205;clay sand 215;gravel clay 239;sand 244;brown limestone 268. Water at 262. Clay boulders 27;sandy clay 48;blue clay 69;sand clay 106;blue clay 173;sand 175;grey clay 189;sand 199. Water from 189 to 199. Topsoil 2;red clay 14;blue clay 64;sand 67;blue clay 107;silty sand 114;blue clay 215;gravel sand 240. Water from 215 to 240. Top clay 1;grey clay 120;black sand 180. Water at 180. Clay stones 40;clay 164;sandstone 183. Water at 175. Pt 4;brown clay 15;red clay 60;blue clay 140;soft clay 170;sandy clay 190;gravel clay 241;muddy sand 255;coarse gravel 277;shale 277½. Water at 277½. Clay 45;clay sand 50;clay gravel 90;blue clay 170;sand 175;clay 190;fine sand 195;sand gravel 203;clay sand 260;gravel 269;clay 275;clay gravel 295;limestone 307. Water at 300. Brown clay 30;blue clay 45;grey clay 190;clay gravel 232;muddy sand 234. Water from 233 to 234. Brown clay 30;blue clay 45;grey clay 190;clay gravel 232;muddy sand 235;gravel 239. Water at 239. Blue clay 225;gravelly clay 300;dark grey limestone 315.Dry hole. clay 24;sand 28;blue clay 220;blue clay gravel 290;brown clay 296;blue clay 310.
Con VIII	P.U.C.	"	Oct.24,1960	2	16	69	53	"	T 23-60	
Con VIII	"	"	Nov. 9,1960	10	600	129	55	"	T 22-60	
Con VIII	"	"	Jul.29,1960	5				"	T 11-60	
Con VIII	"	"	Aug. 9,1960	5				"	T 12-60	
Con VIII	L. McDowell	Hadoo WellDigging	Jan.30,1963	27½	2	42	35	"	D	
Gore	A. Roes	W. Dale	Nov.24,1960	5	7	130	90	"	D	
Gore	C. Mair	"	Feb.28,1961	5	4	104	64	"	D,C	
Gore	K. Green	J.B.Johnston	Aug.28,1963	4	5	68	62	"	D	
Gore NTRE	C. Furniss K.C. Blaxall	H. Stegrist P.W. Reichenfeld W. Dale	Oct.11,1962 Jun.13,1960 Mar. 8,1963	5 4 5	4 3 10	40 40 46	40 40 39	" " Sulphur	D D D	
NTRE	K. Bartwestle	"	Nov. 4,1960	5	7	65	60	"	D	
NTRE	H. Abray	"	Mar.22,1962	5	8	126	96	"	D	
NTRE	"	"	Mar.22,1962	5	7	126	96	"	D	
NTRE	Ont.Dept.of Highways	C. Warren	Mar.29,1963	7				"	D	
NTRE	"	"	May 11,1963	7	15	88	83	"	D	

		W. Luttkhof	W. Dale	Nov. 8, 1963	5	7	111	84	Fresh	D,S	
NTRE	"	59	Ont. Dept. of Highways	Apr. 10, 1963	7	10	165	92	"	P	Brown clay 10; soft grey clay 40; muddy gravel 44; blue clay 19; grey clay gravel 21; hardpan 26; gravel 273. Water from 270 to 273.
NTRE	"	60	P.U.C. London	Nov. 3, 1960						T	Topsoil 1; yellow clay 10; blue clay 19; hardpan 21; gravel 220. Water from 213 to 220.
NTRE	"	61	R. Anderson	Jun. 17, 1963	30	2	64	13	Fresh	25-60	Topsoil 3; fine grey sand 5; brown clay stones 11; sandy grey clay streaks 10; fine gravel 21; dark grey clay shale 23; hardpan 1; brown clay 11; grey sand gravel 11; blue clay 59; blue sand 61; blue clay 63. Water at 11 and 59.
NTRE	"	65	P.U.C. London	Dec. 9, 1960						T	Topsoil 3; brown clay stones 9; sandy grey clay stones 20; sandy grey clay streaks silt 70; sandy grey clay hard streaks fine gravel 11; coarse sand coarse gravel 12; hard dark grey clay 19; some fine gravel dark grey shale 197.
NTRE	"	65	"	Feb. 17, 1961	5					T	Topsoil 2; brown sandy clay 6; grey clay silt 28; sandy grey clay fine gravel 97; sandy grey clay 124; coarse gravel packed hard 130; dark grey clay hard streaks fine gravel 184; dark grey clay shale 197; dark grey shale 201. Water from 124 to 130.
NTRE	"	66	J. Griffin	Aug. 4, 1960	7	20	60	50	Fresh	C	Brown sand 10; blue clay 153; hardpan 176; gravel 183. Water from 176 to 183.
NTRE	"	66	J. Zimmermann	Aug. 29, 1961	1	8		18	"	Ir	Topsoil 1; brown stony clay 10; blue clay 16; brown clay 18; blue quicksand 21; blue clay 23; blue quicksand 28. Water at 18 and 23.
NTRE	"	67	P.U.C. London	Jan. 19, 1961	2	4 1/2	42	41	"	T	Topsoil 1; sandy clay fine gravel 9; sandy grey clay 13; hard grey fine gravel 22; fine grey silt 25; hard cemented gravel 28; grey clay fine gravel 67; coarse gravel coarse sand 92; dark grey clay hard streaks fine gravel 140; dark grey clay 199; dark grey shale.
NTRE	"	68	P.U.C. London	Jan. 10, 1961	2	4 1/2	49	48	"	T	Brown sand 11; grey clay stones 20; coarse gravel sand 23; sandy grey clay 75; coarse gravel coarse sand 102; sandy grey clay 180; hard streaks fine gravel dark grey clay 183; clay shale dark grey shale 192.
TRE	"	68	"	Nov. 17, 1960	2	10	49	31	"	T	Brown sand stones 10; grey clay sandy streaks 20; grey clay silt 96; coarse gravel coarse sand 116; hard clay gravel 120; grey clay hard streaks gravel 163; hard packed fine gravel 165; grey clay gravel 170; grey clay hard streaks gravel 195; coarse gravel clay packed hard 190; coarse gravel 192; hard rock 192.
TRE	"	68	"	Jan. 31, 1961	2	10	44	42	"	T	Topsoil 1; brown clay 7; grey clay silt 22; grey clay streaks silt 40; grey clay fine gravel 88; sand streaks gravel coarse gravel coarse sand 118; grey clay gravel 173; hard cemented gravel coarse gravel clay packed hard 130; grey clay streaks gravel 191; dark grey clay 160; dark grey clay hard streaks fine gravel 239.
TRE	"	68	"	Feb. 9, 1961	2	11	69	68	"	T	Topsoil 1; fine gravel fine sand 32; sandy grey clay 63; hard cemented fine gravel 66; grey clay gravel hard streaks 76; coarse gravel 104; hardpan 187; coarse gravel coarse sand 144; dark grey clay 248; dark grey limestone 248 1/2.
NTRE	"	71	G. Brazier	Aug. 21, 1961	5	3	45	2	"	D	Clay stones 11; sandy clay 38; fine sand 52. Water from 47 to 51.
TRE	"	71	Produce Supply & Service Co Ltd	Aug. 24, 1961	7	20		80	"	N	Topsoil 65; clay 120; clay sand 185; loam sand 192; silty sand 198.
NTRE	"	72	K. Rogers	Sep. 14, 1962	6	8	74	73	"	D	Previously drilled 75; gravel 80; muddy gravel 114; gravel 134. Water at 134.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY- cont. Westminster Twp. cont. lot 72.	J. Loos	R. Smith	Sep. 14, 1963	5	6	135	90	Fresh	D	Blue clay 28; silty clay 121; hardpan 138; gravel clay 142; coarse sand 145. Water from 142 to 145.
" 73	I. Bilyea	"	Mar. 25, 1962	5	10	120	115	"	D, S	Hard brown clay 40; sand 160; coarse sand 180. Water at 160.
NTRW	J. Sharpe	W. Dale	Feb. 18, 1961	5	10	108	104	"	D	Brown clay 42; sand 63; brown clay 84; sand 120; gravel 127. Water from 120 to 127.
" 52	M. Pournie	"	Oct. 21, 1963	4	5	85	50	"	D, S	Previously drilled 177; grey clay gravel 220; grey clay 238; clay gravel 259; gravel 262. Water from 261 to 262.
NTRW	H.A. McCoy	Hedco Well Digging	Aug. 30, 1963	27 1/2	2	49	41	"	D	Tossall 11 brown clay 12; blue clay 41; coarse sand gravel 44; blue clay 50. Water at 41.
" 63	H. Sutton	I. Lounsbury	Feb. 18, 1963	5	4	90	65	"	D	Tossall 11 yellow sand 3; yellow clay 15; blue clay 59; grey sand 60; hardpan 80; blue clay 116; hardpan 196; grey sand 224; gravel 227. Water from 196 to 224.
" 65	H. Rose	R. Smith	Jun. 20, 1962	5	12	80	75	"	D, S	Brown clay 24; blue clay 175; sand 190. Water at 175.
NTRW	M. Wilkins	"	Oct. 26, 1963	5	4	215	75	"	D	Brown stony clay 12; blue clay 124; stony blue clay 142; blue clay 168; hardpan 179; fine brown sand 183; hardpan 215; coarse sand 218; fine sand 220. Water at 215.
" 67	P. Eade	J.B. Johnston	Sep. 17, 1962	4 1/2	4	48	46	"	D	Tossall 21 red clay 14; sand 42; blue clay 56; gravel sand 110. Water at 96.
" 71	H.J. Kent	H. Siegrist	Jul. 4, 1963	4	3	150	115	"	D	Fill 3; clay 125; sandy clay 155; hard sand 215. Water at 215.
NTRW	E. Kelly	W. Dale	Feb. 7, 1962	5	8	58	57	"	D	Sand fill 6; clay sand 21; gravel 27; clay gravel 38; brown clay 56; muddy sand gravel 64; gravel 94; fine sand 93; gravel 129. Water from 93 to 129.
" 72	P.U.C. London	International Water Supply Ltd	Jun. 8, 1961	2	20	57	54	"	T	Coarse gravel coarse sand 41; grey clay coarse gravel 12; coarse gravel coarse sand 18; grey clay gravel 88; grey clay silt fine gravel 109; coarse gravel coarse sand 135; dark grey clay fine gravel 254; dark grey limestone.
" 73	"	"	Jun. 16, 1961	2	20	33	29	"	T	Tossall 31; grey clay gravel boulders 24; grey clay gravel 45; coarse gravel coarse sand 119; hard grey clay gravel 238; dark grey limestone.
" 73	G. Driesman	W. Dale	Aug. 23, 1963	5	3	220	91	Sulphur	D, C	Gritty brown clay 23; clay gravel 45; sandy clay 58; blue clay 147; gritty grey clay 182; fine sand 192; hardpan 218; sand 219; hardpan 238; soft grey clay 244; brown limestone 302. Water at 302.
" 73	P. Bice	R. Smith	Nov. 25, 1963	5	2	130	120	Fresh	D	Sandy brown clay 12; blue clay 49; gravel clay 54; sand blue clay 155; stony blue clay 186; stones 189; stony clay 196; fine sand 207. Water from 196 to 207.
" 76	P.U.C. London	International Water Supply Ltd.	Apr. 11, 1961	5				"	T	Tossall 4; grey clay boulders 20; coarse sand gravel 50; soft gravel silt 108; coarse sand coarse gravel 130; grey clay fine silt 143; coarse sand coarse gravel 156; coarse gravel silt clay 172; hard grey clay fine gravel 182; hard clay fine gravel 182; water from 20 to 30, 55 to 97, 108 to 130 and 145 to 156.
" 76	P.U.C. London	"	Apr. 28, 1961	5				"	T	Tossall 11 brown clay stones 6; hard cemented gravel boulders 8; grey clay boulders 12; hard cemented gravel boulders 23; grey clay fine gravel silt 82; fine gravel silt water 97; fine gravel silt clay 108; fine gravel hard packed silt 132; grey clay fine gravel 151; hard grey clay fine gravel 193; hard grey clay fine gravel 253; dark grey limestone 255. Water from 82 to 87 and from 108 to 132.

Con	Lot I	Const.	W. Dale	Apr. 20, 1961	5	8	39	24	Fresh	D	Description
Don I	"	1	K.L. Benn	Sep. 14, 1961	5	7½	37	22½	"	D	Sand 9; sandy clay 19; hardpan stone 49; clay gravel 97; gravel 108; gravel 109. Water from 108 to 109.
Don I	"	"	"	"	"	"	"	"	"	"	Sand 13; clay gravel 22; gravel 34; hardpan 53; sandy clay 71; blue clay 97; clay gravel 114; fine gravel 121. Water from 114 to 121.
Don I	"	10	A.S. Campbell	Nov. 26, 1962	5	15	45	38	"	D, S	Hardpan 12; gravel 20; hardpan 30; clay 45; gritty clay 76; muddy gravel 78; gravel clay 87; coarse gravel 90. Water at 90.
Don I	"	14	O. McGriffin	Jul. 18, 1962	5	15	40	28	"	D, S	Sandy clay 7; gravel 21; gritty grey clay 56; sand gravel 59. Water at 59.
Don I	"	16	H. Gozzard	Aug. 25, 1961	4	10	40	32	"	D	Yellow clay stones 15; clay hardpan boulders 30; hardpan 60; hardpan gravel sand 64. Water from 61 to 64.
Don I	"	16	J.L. Cove	May 22, 1963	4	5	45	25	"	D	Yellow sandy clay 10; blue clay boulders 40; gravel stones 55; hardpan 70. Water from 65 to 70.
Don I	"	16	M. Tye	Jul. 9, 1963	4	8	65	35	"	D	Blue clay 55; gravel 60; sandy clay 75; sand 78; limestone 96. Water at 95.
Don I	"	17	O. Lagrou	Jan. 20, 1961	5	4	83	80	"	D	Flt 3; brown clay 6; blue clay stones 10; blue clay 30; hardpan 91; gravel 91; limestone 93. Water from 87 to 91.
Don I	"	23	R.M. Hyatt	May 24, 1962	4	9	123	102	"	D	Brown clay 12; hardpan 39; grey clay 68; hardpan 121; grey brown limestone 153. Water from 124 to 153.
Don II	"	1	L. Thornton	Oct. 19, 1962	5	10	56	55	"	D	Clay 10; gravel 30; fine sand 50; gravel 60; clay 90; sand 98; clay hardpan 116; gravel 118. Water at 116.
Don II	"	1	B. Sher	Nov. 14, 1962	4	8	27	23	Sulphur	D	Stones clay 30; clay 45; sand 50; clay 75; sand 113; limestone 115. Water at 114.
Don II	"	1	E. Wakonoy	Jun. 6, 1963	4	10	55	20	Fresh	D	Clay loam 32; gravel 40; clay 50; fine sand 107; sand stone 110; fine sand 122; cemented sand 135; grey limestone 142. Water from 140 to 142.
Don II	"	1	H. Sher	Jul. 17, 1963	5	1½	100	18	"	P	Soil stones dirty gravel 31; yellow sand 7; sandy hardpan 18; sand 25; gravel sand 100; coarse gravel 105. Water from 100 to 105.
Don II	"	1	M. Johnson	Oct. 2, 1963	4	8	40	30	"	D	Gravel 10; clay stones 35; sandy clay 54; sandy clay stones 68; coarse sand 78; coarse sand clay 96; fine sand 114; fine black gravel 118. Water at 117.
Don II	"	9	A. Smith	Nov. 3, 1962	4	8	37	37	"	D	Clay 10; gravel 15; clay 75; sand clay hardpan 110; fine gravel 115. Water at 110.
Don II	"	10	P. Campbell	Aug. 30, 1963	5	15	55	42	"	D, S	Clay 5; sandy gritty clay 46; hardpan 73; gravel sand 86. Water from 82 to 86.
Don II	"	14	K. Hill	May 15, 1961	5	14	33	12	Sulphur	D, S	Gravel 18; gritty clay 79; brown limestone 93. Water from 90 to 93.
Don II	"	16	G. Irwin	Apr. 3, 1963	5	20	20	20	Fresh	D, S	Stones clay 24; gravel 30; blue clay 35; fine gravel 37; gravel hardpan 50; fine sand 65; red clay 66; limestone 74. Water at 50 and 74.
Don II	"	34	R. Hartwick	Mar. 19, 1962	4	14	138	129	"	D, S	Brown clay 26; grey clay stones 54; grey clay 73; hardpan stones 130; sand 132; brown gritty clay 141; fine sandy gravel 155. Water from 151 to 155.
Don II	"	36	M. Powell	Nov. 22, 1961	4	5	95	80	"	D, S	Old dug well 25; clay stones 35; hardpan streaks clay boulders 60; hardpan clay 80; hardpan boulders 105; hard brown limestone 120. Water from 110 to 120.
Don III	"	1	R.I. Jennings	Jul. 19, 1962	6	12	38	22	"	D	Sandy loam 4; brown clay 46; coarse sand 52; stony clay 70; coarse gravel 72. Water at 70.
Don III	"	4	W. Stewart	Oct. 18, 1960	5	8	40	18	"	D	Brown sand 4; hardpan stones 18; hardpan 40; gravel 44; fine grey sand 50; blue clay 68; hardpan 107; gravel 108. Water from 107 to 108.
Don III	"	6	B. Smidars	Nov. 28, 1962	4	8	32	15	"	D, S	Clay 8; gravel 10; clay 17; gravel 30; sand 83; fine gravel 94; clay 102; grey limestone 126. Water at 124.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. West Missouri Twp. cont.										
Con III " 8	F. Cole	R. Hudson	Aug. 31, 1963	36	1 1/2	18	6	Fresh	D, S	Brown clay 6; gravel 8; stony blue clay 20. Water at 8.
Con III " 15	Dom. Dept. of Public Works	W.D. Hopper & Sons	Mar. 10, 1961	4	15	15	Flows	"	D	Sandy clay 1 1/2; blue clay 25; hardpan 62; loose rock 69; grey limestone 111. Water from 100 to 111.
Con III " 15	L. Nichols	M. Jones	Sep. 12, 1961	5	10	75	7	"	D	Clay 3; sand 5; gravel boulders 40; hardpan 50; sand 53; hardpan 63; sand 70; grey limestone 105. Water at 65, 67, 95, 104 and 105.
Con III " 15	B. Tye	"	May 1, 1962	4	10	30	22	"	D	Topsoil 5; stones 12; blue clay stones 40; coarse gravel 45; clay hardpan 50; fine sand 55; sandy clay 80; brown limestone 100. Water at 98.
Con III " 16	T. McFarlan	I. Lounsbury	Feb. 18, 1960	5	3	28	21	Sulphur	D	Brown soil 8; gravel boulders 12; hardpan 19; blue clay 24; hardpan 56; gravel 59; hardpan 81; limestone 95. Water from 85 to 95.
Con III " 28	J.T. Hall	H. Siegrist	Dec. 6, 1960	4	5	50	10	"	D	Topsoil 1; clay 60; sand 90; brown sandy rock 130. Water at 130.
Con III " 35	J. Woodside	Steinman & Baird	Apr. 17, 1963	5	12	53	38	Fresh	D, S	Sandy gravelly clay 17; grey clay 68; fine gravel 71. Water at 71.
Con IV " 3	T. Bedgood	M. Jones	Oct. 11, 1963	5	10	42	14	"	D, S	Old well 12; sand 60; clay 67; clay hardpan 76; sandy clay 95; coarse sandy gravel 101. Water at 100.
Con IV " 17	C. Elliott	"	Dec. 5, 1963	4	9	90	50	"	D, S	Clay stones 30; soft sandy clay 50; blue clay 55; fine gravel 59; coarse sand and clay 84; clay hardpan 116; limestone 141. Water at 138.
Con IV " 19	W. Jones	"	Mar. 7, 1961	5	20	32	30	"	D	Topsoil 2; hard blue clay 66; gravel 81; silty sand 100; hard clay rock 114. Water at 66 and from 100 to 114.
Con IV " 23	J. McQuade	"	Dec. 19, 1963	5	10	90	10	"	D, S	Clay 18; fine sand 23; hard clay 65; sand stones 67; clay stones 97; fine sand 115; sandy clay 130; sand 142; coarse sand 147; limestone 201. Water at 200.
Con IV " 24	B. Hounsell	R. Hudson	Jul. 10, 1962	36	1	16	9	"	D	Hard blue clay 17; stones 18. Water at 17.
Con V " 1	R. Suchan	M. Jones	Sep. 21, 1961	5	6	17	16	"	D	Sand 6; clay stones 18; boulders sand 22; hardpan 30; sand 42; hardpan 47; sand boulders 50; hardpan 71; sand 76; hardpan 89; gravel sand 91; grey limestone 96. Water at 47, 51, 90 and 96.
Con V " 1	N. Derewlany	"	Sep. 18, 1962	4	10	20	16	Sulphur	C	Sand gravel boulders 14; sandy hardpan 64; sandy clay 75; hardpan 85; sand 90; brown limestone 94. Water at 93 1/2.
Con V " 10	W. Kraus	R. Hudson	Nov. 11, 1961	36	2	28	10	Fresh	D	Clay stones 12; hard blue clay 29; stony hardpan 30. Water at 29.
Con V " 10	V. Agnes	K. McLeod & Sons	May 28, 1962	4 1/2	6	23	20	"	D	Brown clay 16; blue clay 45; hardpan stones 85; gravel 87. Water at 87.
Con V " 10	F. Ivity	R. Hudson	Jun. 23, 1962	36	1 1/2	19	8	"	D	Topsoil 3; sand 9; blue clay stones 20. Water at 8.
Con V " 10	A. Shannon	"	Jun. 26, 1963	36	19	9	9	"	D	Brown clay 9; sandy clay 15; gravel 16; clay 20. Water at 9.
Con V " 14	K. Andruszko	H. Siegrist	Aug. 1, 1960	5	4	80	60	"	D, S	Topsoil 1; hardpan 45; sand 61; clay 80; sand 81; clay 85; hardpan gravel 100; hard packed gravel 111. Water at 111.
Con V " 18	C. Wonnacott	Steinman & Baird	Sep. 14, 1962	4	12	75	61	"	D, S	Clay 14; gritty hardpan 41; dirty sand 58; grey clay 71; gravelly clay 110; brown grey limestone 127; brown limestone 130. Water at 129.
Con V " 21	W.F. Fairhall	M. Jones	Oct. 5, 1961	5	6	145	46	"	D, S	Clay 3; hardpan 97; gravel 97; hardpan 147; limestone 148; sand 150; grey limestone 192. Water at 44, 101, 117, 148, 173, and 180.
Con V " 21	T. Monteith	"	Nov. 16, 1963	4	20	60	50	"	D, S	Clay stones 50; fine sand 51; blue clay 70; sand stones 85; stones clay 120; fine sand 132; limestone 150. Water at 147.
Con V " 23	E. Annett	N. Steinman	Jun. 26, 1960	4	7 1/2	96	56	"	D, S	Brown clay 47; shales sandy clay 60; brown clay 97; hardpan stones 129; brown clay 144; hardpan 160; brown clay 166; grey limestone 195. Water from 170 to 194.

	A. McKitcheon	M. Jones	Mar. 17, 1962	4	8	30	15	Fresh	S	
Con V	" 26	G. Lindsay	Mar. 24, 1962	4	8	25	24	"	D	Topsoil clay 10; fine sand 20; blue clay 40; stones clay sand 60; fine sand 68; clay hardpan 98; fine sand 112; sandy clay hardpan 118; fine sand 140; dark brown limestone 142. Water at 62 and 140.
Con V	" 34	N. Baker	Dec. 12, 1961	4	9	100	90	"	D, S	Brown clay 31; fine sand 38; yellow clay 55; fine sand 64; hardpan clay 90; gravel 92. Water at 90.
Con V	" 34	J.F. Annett	May 11, 1963	4	14	104	93	"	D, S	Clay loam 7; coarse sand 20; yellow clay 35; stony gravel 40; blue clay 50; fine sand stones 100; gravel 130; fine sand 146; dark brown limestone 153. Water at 35, 100 and 150.
Con VI	" 2	B. Clipperton	Apr. 21, 1961	4	6	25	20	"	D, S	Stony fill 6; gritty hardpan 10; gravel 15; grey clay 56; brown shale 99; grey brown limestone 164; grey limestone 172; brown limestone 205. Water from 198 to 204.
Con VI	" 2	H.J. Vangeel	Jul. 11, 1962	6	8	40	20	"	D, S	Gravel 15; sand 30; brown clay 60; stony hardpan 87; fine gravel 92; grey limestone 97. Water at 97.
Con VI	" 3	K. Kusenko	Aug. 3, 1961	4	5	50	40	"	D	Brown clay 8; stony hardpan 58; stony clay 90; coarse gravel 94. Water at 94.
Con VI	" 12	J. Koegler	Nov. 14, 1962	4	7	65	45	"	D	Sand gravel 40; blue clay 55; hardpan 76; gravel 77. Water from 76 to 77.
Con VI	" 16	H. Mitchell	Feb. 8, 1960	5	4	80	43	"	D	Sand 15; gritty clay 64; stony hardpan 107; brown limestone 116; grey limestone 126. Water at 126.
Con VI	" 27	W.D. Switzer	Jul. 19, 1961	5	10	110	61	"	D, S	Gravel 8; blue clay 16; grey sand 25; hard brown sand 64; hardpan 124; gravel sand 128; limestone 141. Water from 130 to 141.
Con VI	" 33	W. Pacey	Jan. 25, 1962	4	8	100	98	"	D, S	Topsoil 2; hardpan sand rock 73; sand clay stones 110; hardpan 121; coarse gravel hardpan 136; fine sand 138; brown grey limestone 155. Water from 136 to 138 and at 141.
Con VI	" 36	O. Annett	May 2, 1961	4	10	105	102	"	D, S	Clay 25; sand 30; clay 45; sandy clay 155; brown limestone 142; clay 165; brown limestone 175; sand stones 226; brown limestone 232. Water at 228.
Con VII	" 32	G. Clark	Jul. 12, 1963	36	13	16	6	"	D, S	Topsoil 3; yellow clay 15; sandy clay 30; hardpan 135; loose rock 139; brown limestone 235. Water from 240 to 235.
Con VII	" 9	W. Corbin	Apr. 4, 1961	4	6	45	35	"	D	Brown clay 4; gravel 6; blue clay 16. Water at 26.
Con VII	" 23	R. Wakem	Jun. 26, 1962	4	10	50	45	"	D, S	Blue clay 45; hardpan stones 100; gravel 102. Water from 100 to 102.
Con VII	" 25	D. Metcalfe	Aug. 28, 1961	4	8	80	60	"	D, S	Old dry well 6; clay 20; fine dirty sand 40; clay 67; sandy clay 139; limestone 140; fine sand 159; limestone 166. Water at 164.
Con VII	" 28	D.H. Conn	Aug. 4, 1961	4	12	60	27	"	S	Clay 15; gravel 50; stony clay 70; stones clay 120; gravel stones 150; dark limestone 158. Water at 154.
										Red clay rocks 10; blue clay rocks 30; hardpan 57; sandy clay 65; clay gravel 84; hardpan 98; limestone 101; sand gravel 105; light brown limestone 110; dark light brown limestone 112; light brown limestone sand crystals 117. Water from 101 to 105 and at 112.
West Williams Twp. Con V lot 1	B. Jackson	A.A. Heal	Mar. 15, 1960	4	4	52	52	Sulphur	D	Topsoil yellow clay 10; sand 11; blue clay 106; sand clay streaks 207; limestone 210. Water at 210.
Con V	" 22	R. Grey	Jun. 22, 1960	4	5	112	100	Fresh	D	Topsoil yellow clay 14; blue clay 169; soft limestone 171. Water from 169 to 171.
Con V	" 23	D. Gooding	May 10, 1962	4	4	120	108	"	D, S	Yellow topsoil 16; blue clay 181; limestone 182. Water at 182.
Con VII	" 11	M. Garson	Dec. 20, 1962	4	4	68	56	"	D, S	Topsoil gravelly clay 6; sandy clay 40; sand 44; sandy clay 82; clay 106; muddy sand 130; sand mud 136; fine gravel sand 143. Water from 136 to 143.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY - cont. West Williams Twp. cont.										
Con VII	G. Herrington	A.A. Heal	Apr. 32, 1963	4	2 1/2	34	22	Fresh	D	Topsoll sand 3; yellow sand 6; sandy clay 15; gravel 28; sand 33; clay 34. Water from 28 to 33.
Con X	A. Kuftermans	"	Oct. 22, 1960	4						Topsoll yellow clay 15; blue clay 45; sandy clay 65. Dry hole.
Con X	"	"	Oct. 22, 1960	4						Topsoll yellow clay 15; blue clay 44; gravelly clay 65; blue clay 92; gravel sand 95; sandy clay 120; blue clay sand streaks 200. Dry hole.
Con XIV	A.H. Sercombe	"	Sep. 24, 1960	4	1 1/2		8	Fresh	N	Topsoll yellow clay 14; blue clay 53; muddy sand gravel 55; sand 56. Water from 53 to 55.
Con XIV	"	"	Sep. 26, 1960	4	1	46	3	"	D	Topsoll yellow clay 13; blue clay 46; muddy sand 49. Water from 46 to 49.
Con XIV	R. Wilcocks	"	Sep. 25, 1963	4	4	70	52	Sulphur	D	Topsoll sandy clay 25; gritty clay 75; sandy clay 120; clay 160; sandy clay 166; dark limestone 169. Water at 169.
Con XV	T. Hendriks	"	Oct. 24, 1960	4			10	Fresh	N	Topsoll yellow clay 14; blue clay 40; sandy clay 49; blue clay 60. Water from 41 to 44.
Con XV	"	"	Oct. 28, 1960	4	2	43	10	"	D	Topsoll yellow clay 14; blue clay 38; muddy sand gravel 40; sand 44. Water from 40 to 44.
Con XVII	A. Sangster	"	Feb. 10, 1960	4	4	150	50	"	D	Topsoll sand 16; sandy clay 22; blue clay 156; limestone 159. Water at 146.
Con XVII	W. Sadler	"	Aug. 18, 1961	4	3	66	35	"	D, S	Topsoll sandy clay 7; blue clay 110; gritty clay 125; clay 139; soft limestone 141; dark limestone 144. Water at 144.
Con XVIII	New Dundee Co. - Creamery Co. - Pascoe	Ledco Drilling	Oct. 25, 1963	5	10	135	130	Sulphur	In	Brown clay 12; grey clay 156; brown limestone 158. Water from 157 to 158.
Con XIX	A.A. Heal	"	Feb. 22, 1960	4	5	94	92	"	C	Topsoll yellow clay 14; sand 16; blue clay 163; limestone 164. Water from 163 to 164.
Con XIX	V. Blanchard	"	Jan. 14, 1961	4	5	60	60	"	D	Topsoll yellow clay 15; blue clay 158; loose limestone 160; blue clay 172; limestone 173. Water from 172 to 173.
Con XIX	R. Quirk	"	Aug. 24, 1961	4	4	98	56	Sulphur	D, S	Yellow topsoll 12; blue clay 160; gritty clay 174; dark limestone 180. Water at 173.
Con XXI	H. Schepers	R. Smith	Jun. 26, 1963	5				Gas		Brown clay 25; silty brown sand 37; blue clay 66; gravelly clay 100; stony clay 102; horizon 205; stony clay boulders 279; white rock 335. Dry hole.
Con XXI	"	"	Jul. 6, 1963	5			110	Salty	N	Brown clay 19; silty brown sand 115; clay streaks sand 160; blue clay 183; horizon 210; stony black clay 277; rock 290. Water at 280.
Con XXI	G. McLachlan	"	Mar. 15, 1961	5	10	80	35	Sulphur	D	Brown clay 18; blue clay 149; grey limestone 153. Water at 153.
Con XXI	Boy Scout of Canada	"	Jun. 28, 1961	5	35	35	27	Fresh	P	Yellow sand 35; fine sandy clay 11; soft blue clay 142; clay sand gravel 155; blue clay 195; coarse sand gravel clay 194; soft muddy sand 200; hard clay stones 205; limestone 215. Water from 27 to 36, and at 203.
NORFOLK COUNTY										
Charlotteville Twp.										
Con A	K.O. Brian	R. Hodgson	Apr. 10, 1960	2	50		13	Fresh	Ir	Tonsoll 2; yellow sand 10; brown sand 20; coarse sand 26. Water from 20 to 26.
Con A	G. Tontsch	"	Aug. 12, 1960	8	500	250	85	Sulphur	Ir	Topsoll 1; sand 25; fine sand 85; clay sand 150; clay 210; sand clay 225; clay 275; rock 280; limestone 320. Water from 280 to 315.
Con A	G. Tontsch	"	Apr. 15, 1963	5	5	85	78	"	D, S	Sand 12; grey clay sand 25; grey clay 100; soupy sand 165; grey clay 162; limestone 292. Water at 292.
Con A	Ont. Dept. of	C. Goodberry Well	Jun. 5, 1961	6	90	115	101	"	P	Sand 12; blue clay 22; horizon 296; blue limestone 307. Water from 296 to 307.

Charlotteville Twp. Cont	Ont. Dept. of Lands & Forests	C. Goodberry Well Drilling Ltd.	Jun. 28, 1961	6	105	146	115	Sulphur	P	Sand 129; blue clay 230; hardbon 298; blue limestone 317½. Water at 312.
Con A	"	"	Jul. 25, 1961	6	139	156	125	Fresh	P	Sand 134; blue clay 216; hardbon 299½; blue limestone 309. Water at 306.
Con A	"	R. McKenzie	Jun. 10, 1963	2	3		23	"	P	Black muck 14; brown fine sand 20; brown sand 35. Water at 31.
Con A	"	"	Sep. 25, 1963	1	3		15	"	D	Brown sand 6; gravel 7; brown sand 16; fine sand 21; fine grey sand 27. Water at 16.
Con I	"	R. Hodgson	Mar. 28, 1960	5	5	34	24	"	D, S	Yellow sand 15; sand clay 35; grey sand 43. Water from 35 to 43.
Con I	"	G. Warren	Jan. 18, 1961	5	10	24	20	"	D	Yellow sand 14; clay sand 25; yellow sand 32; clay 24; sand 44. Water from 24 to 44.
Con I	"	R. Hodgson	Mar. 7, 1963	5	8	26	24	"	D	Pill 7; clay sand 22; brown sand 35; coarse sand 43. Water from 35 to 43.
Con I	"	"	May 30, 1962	5	6	55	55	"	D, S	Tonsoil 2; sand 1; clay 45; sand clay 60; coarse sand 70. Water from 62 to 70.
Con I	"	"	Jun. 10, 1963	5	20	32	31	"	Ir	Tonsoil 2; yellow sand 25; brown sand 42; coarse sand 51. Water from 42 to 51.
Con I	"	R. McKenzie	Jul. 9, 1962	4	10	60	30	Sulphur	D	Yellow sand 6; grey sand 70; grey clay 184; limestone 215. Water at 215.
Con I	"	"	Jul. 18, 1962	4	5	24	21	Fresh	D	Yellow sand 6; grey sand 31. Water at 21.
Con I	"	"	Aug. 14, 1962	4	4	37	28	"	D	Yellow sand 3; grey sand 42. Water at 35.
Con I	"	E. Stewart	Mar. 27, 1963	5	8	273	70	Mineral	C	Sandy loam 30; clay gravel 195; quicksand 234; hard clay 244; brown limestone 283. Water from 250 to 283.
Con I	"	R. Hodgson	May 5, 1960	4	6	60	57	Fresh	D	Clay 60; mucky sand 110; clay 130; soupy sand 165; clay 170; white limestone 192. Water at 190.
Con I	"	"	Oct. 29, 1962	5	4	44	34	"	D	Tonsoil 2; yellow sand 10; sand 42; sand 52. Water from 42 to 52.
Con II	"	R. McKenzie	May 27, 1963	1	3		16	"	D	Pill 6; grey sand 10; grey sand 16; clay 19; grey fine sand 28. Water at 19.
Con II	"	T. Vankessel	May 2, 1962	1	5	10	10	"	D, S	Tonsoil 4; fine sand 19. Water at 10.
Con II	"	G. Warren	Jul. 18, 1962	5	60	24	9	"	Ir	Yellow sand 7; grey clay 27; sand 56. Water from 40 to 56.
Con II	"	R. Hodgson	Aug. 1, 1963	4	6	44	44	"	D	Sand 13; clay 36; sand clay 53; coarse sand 62. Water from 53 to 62.
Con II	"	T. Vankessel	Jun. 4, 1963	2	60	6	6	"	C	Tonsoil 5; medium sand 17. Water at 6.
Con II	"	"	Jun. 6, 1963	3	50	6	6	"	C	Pine sand 3; medium sand 17. Water at 6.
Con II	"	R. McKenzie	Jul. 12, 1963	3	5	61	56	"	D	Old well 28; brown sand 36; muddy brown sand 66; brown sand 75. Water at 66.
Con II	"	R. Hodgson	Jun. 22, 1962	8	100	46	31	"	Ir	Tonsoil 2; clay sand 15; sand 25; clay sand 40; sand 48. Water from 40 to 48.
Con III	"	R. McKenzie	Sep. 14, 1960	5						Old well 10; brown sand 12; grey clay 44. Dry hole.
Con III	"	S. Linton	Apr. 13, 1963	1	3		10	Fresh	D	Open pit 5; fine sand 18. Water at 10.
Con III	"	R. Hodgson	Dec. 18, 1962	2	3	28	15	"	D, S	Tonsoil 2; yellow sand 18; clay sand 27; fine sand 31. Water from 27 to 31.
Con III	"	"	May 11, 1962	5	4	10	22	"	D, S	Dug well 4; soupy sand 35; sand 45. Water from 38 to 45.
Con III	"	G. Warren	Nov. 1, 1960	5	10	40	35	"	D, S	Open hole 12; clay sand 30; sand 67. Water from 48 to 67.
Con III	"	R. Hodgson	Mar. 8, 1963	5	7	27	25	"	D	Yellow sand 13; dirty sand 29; fine sand 39. Water from 29 to 39.
Con III	"	"	May 7, 1962	5	15	45	30	"	Ir	Tonsoil 1; yellow sand 8; clay 11; sand 50. Water from 40 to 50.
Con III	"	R. McKenzie	Sep. 19, 1960	2	4		56	"	D	Sand 13; grey clay 28; sand 31; clay sand stone 48; grey clay 56; brown sand 65. Water at 56.
Con III	"	R. Hodgson	Mar. 30, 1962	2	5		58	"	D	Tonsoil 1; yellow sand 15; soupy sand 65; sand 73. Water from 65 to 73.
Con III	"	"	May 28, 1962	4	6	55	50	"	D	Yellow sand 15; clay 30; sand clay 60; sand 70. Water from 60 to 70.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ¹	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Charlotteville Twp. - cont.										
Con III lot 14	H. Miller	R. Hodgson	Jul. 4, 1962	4	6	45	45	Fresh	D	Topsoil 1; yellow sand 15; clay sand 55; sand 64. Water from 55 to 64.
Con III " 15	E. Jacobs	T. VanKessel	Aug. 13, 1962	2	50	19	19	"	Ir	Fine sand 19; coarse sand 28. Water at 19.
Con III " 15	Norfolk Farms Ltd.	R. Hodgson	Mar. 7, 1963	5	8	51	50	"	C	Clay 2; clay sand 35; sand 50; coarse sand 62. Water from 50 to 62.
Con III " 17	V. Veveris	"	May 27, 1960	2	60		19	"	Ir	Topsoil 2; yellow sand 12; brown sand 20; sand gravel 27. Water from 20 to 27.
Con III " 19	K.B. Ingelman	"	Aug. 15, 1961	5	7	35	32	"	D	Topsoil 1; clay 4; sand clay 19; clay stones 40; sand clay 58; grey sand 68; sand 75. Water from 68 to 75.
Con III " 19	J.E. Cooper	R. McKenzie	Aug. 22, 1962	4	9	52	34	"	S	Brown sand 17; grey sand 35; gravel 40; brown sand 50; medium brown sand 64. Water at 43.
Con III " 20	Twp. Fire Hall	R. Hodgson	Apr. 4, 1960	5	6	45	30	"	P	Topsoil 1; yellow sand 5; white sand 20; clay 40; soupy sand 45; fine sand 60. Water from 45 to 60.
Con III " 20	F. A. McCall	R. McKenzie	Aug. 17, 1960	2	3	42	42	"	D	Sand gravel 27; clay 42; grey sand 55. Water at 42.
Con III " 20	H. Swayze	R. Hodgson	Jan. 15, 1963	5	6	45	40	"	D	Old well 6; sand 33; clay sand 48; medium sand 56. Water from 48 to 56.
Con III " 20	A. Franks	"	Jun. 24, 1963	4	2 1/2	95	35	"	D	Old well 50; clay 80; clay sand 90; fine sand 100. Water from 90 to 100.
Con III " 21	J.E. Cooper	R. McKenzie	Feb. 25, 1963	4	4	36	14	"	D	Topsoil 4; clay 5; brown sand 12; grey clay 38; fine grey sand 48. Water at 38.
Con III " 22	J. Abby	R. Hodgson	Sep. 3, 1962	4	6	38	37	"	D	Sand 15; sand clay 25; sand 57. Water from 50 to 57.
Con III " 22	H. Jarvis	"	Jun. 5, 1963	4	5	32	30	"	D	Sand 2; gravel 28; sand silt 37; coarse sand 46. Water from 37 to 46.
Con III " 22	L. Roberts	R. McKenzie	Jun. 14, 1963	4	5	44	42	"	D	Mixed topsoil 4; brown sand 39; brown clay 43; brown sand 58. Water at 42.
Con III " 23	D.A. Walker	"	Aug. 3, 1963	1	5	5	11	"	D	Pit 7; brown sand stones 14; grey quicksand 26. Water from 14 to 26.
Con IV " 10	T. Raytrowsky	R. Hodgson	Dec. 6, 1963	2	3	13	13	"	D	Fill 2; yellow sand 12; sand harpoon 16; fine sand 27. Water from 19 to 27.
Con IV " 11	S. Sucz	R. McKenzie	May 18, 1961	1	6	14	14	"	Ir	Open pit 7; sandy stones 12; sandy clay 18; fine grey sand 33. Water from 18 to 33.
Con IV " 12	G. De Carolis	S. Linton	Oct. 30, 1963	6	3	40	40	"	D	Open pit 6; fine sand 46. Water at 30.
Con IV " 14	P. Bouckhuys	T. VanKessel	Apr. 17, 1962	2	10	42	42	"	D	Clay 15; fine sand 25; harpoon 26; fine sand 42; gravel 47. Water at 42.
Con IV " 14	S. Wound	"	Sep. 27, 1962	2	8	25	25	"	D	Fine sand 25; coarse sand 32. Water at 25.
Con IV " 17	W. Smith	R. Hodgson	Apr. 18, 1963	2	30	19	19	"	T	Yellow sand 2; grey sand 19; sand 29. Water from 20 to 29.
Con IV " 17	"	"	Jun. 7, 1963	2	30	18	18	"	Ir	Topsoil 2; clay 6; sand 30. Water from 18 to 30.
Con IV " 19	G. Kerry	"	Sep. 20, 1962	4	3	48	45	"	D	Topsoil 2; clay sand 10; clay 45; sand 48; clay 54; sand 63. Water from 54 to 63.
Con IV " 20	O. Snow	"	Mar. 4, 1963	5	5	44	35	"	D	Topsoil 1; yellow sand 14; clay sand 45; fine sand 53. Water from 45 to 53.
Con IV " 20	Norfolk Farms	R. McKenzie	Mar. 8, 1963	1	4	10	10	"	Ir	Old well 11; brown sand 17; grey fine sand 28. Water at 11.
Con IV " 20	G. Church	"	Mar. 9, 1963	1	5	12	12	"	D	Old well 13; brown sand 22; brown sand clay 25; brown sand 29. Water at 13.
Con IV " 20	D. McCall	"	Jul. 4, 1963	4	5	60	18	"	D, C	Medium brown sand grey clay brown sand 87; grey clay 188; limestone 234. Water at 47 and 234.
Con IV " 21	H. Oaks	T. VanKessel	Oct. 16, 1961	1	4	4	4	"	D	Sand 4; fine sand 12. Water at 4.
Con IV " 21	P. Brown	"	Nov. 15, 1961	1	4	10	10	"	D	Sand 4; fine sand 15. Water at 10.
Con IV " 21	T. Gendreau	R. McKenzie	Nov. 16, 1963	2	4	15	15	"	C	Old well 19; brown muddy sand 25; brown sand 35. Water at 25.
Con IV " 23	W. Gendreau	T. VanKessel	Aug. 16, 1961	1	7	26	26	"	D	Sand 19; gravel 25. Water at 19.
Con IV " 23	"	"	Aug. 16, 1961	1	7	26	26	"	D	Yellow sand 35; sand 46. Water from 35 to 46.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Charlottesville Twp.- cont.										
Con VII lot 19	P. Kawa	S. Linton	Oct. 5, 1960	1	6		6	Fresh	D	Fine sand 16; blue clay 20. Water from 6 to 16.
Con VII " 24	M. Wegner	R. McKenzie	May 31, 1961	2	4		26	"	D	Sand stones 4; clay 9; brown sand 19; grey clay 21; brown fine sand 42. Water from 21 to 42.
Con VIII " 5	P. Ragay	R. Hodgson	Nov. 18, 1961	2	40		4	"	Ir	Topsoll 2; yellow sand 8; clay sand 12; brown sand 15; sand 21. Water from 15 to 21.
Con VIII " 13	P. Michalet	T. VanKessel	Aug. 15, 1960	1	5	10		"	D, S	Medium sand 10; fine sand 20. Water at 10.
Con VIII " 13	W. C. Williams	R. McKenzie	Oct. 7, 1961	1	5	6		"	D	Yellow sand 3; brown sand 15; grey sand 20. Water at 6.
Con VIII " 15	K. Sheppard	S. Linton	Nov. 25, 1963	6	5		6	"	D	Open pit 3; fine sand 14. Water at 9.
Con VIII " 24	J. Csuka	G. Warren	Oct. 28, 1960	5	2 1/2	60	46	"	D, S	Yellow sand 30; clay 35; sand 66. Water from 61 to 66.
Con IX " 6	J. Pettillon	W. Burwell	Nov. 10, 1960	1	6		10	"	D	Brown sand 8; sand 22. Water from 8 to 22.
Con IX " 6	D. VanHerzele	J. H. Weaver & Son	May 11, 1960	1	8		12	"	D	Topsoll 1; yellow sand 5; white sand 17; hardpan 12 1/2; brown quicksand 25. Water at 12 1/2.
Con IX " 6	P. Erauw	"	Mar. 22, 1961	1	8		17	"	D	Yellow sand 6; white sand 25; blue sand 30. Water at 17.
Con IX " 7	P. Ragay	R. Hodgson	Dec. 4, 1961	2	238		14	"	Ir	Topsoll 2; yellow sand 15; brown sand 20; sand 28. Water from 20 to 28.
Con IX " 13	Smit Grocery & Bakery	R. McKenzie	Sep. 26, 1963	1	6		19	"	D, C	Brown sand 4; clay hardpan 6; brown sand 13; brown clay 15; brown sticky sand 18; brown clay 23; grey medium sand 28. Water at 23.
Con IX " 14	J. Ransom	J. H. Weaver & Son	Dec. 4, 1961	1	8		6	"	D, S	Topsoll 1; yellow sand 6; brown sand 7; blue sand 8; blue quicksand 18. Water at 6.
Con IX " 15	C. Gates	R. McKenzie	Dec. 29, 1961	1 1/2	20		8	"	D	Fill 5; brown sand 20. Water at 8.
Con IX " 16	S. Ballinsky	T. VanKessel	Oct. 20, 1960	1	10		11	"	D	Sand 11; very fine sand 20. Water at 11.
Con IX " 17	B. Taylor	S. Linton	Jul. 2, 1960	1	8		5	"	D	Fine sand 18; coarse sand 22. Water at 5.
Con IX " 17	H. Licoch	T. VanKessel	Oct. 2, 1961	1	8		10	"	D	Medium sand 10; fine sand 25. Water at 10.
Con IX " 17	R. Slade	S. Linton	Oct. 4, 1961	1	6	10		"	D	Medium sand 10; fine sand 15. Water at 10.
Con IX " 20	J. Pires	"	Jul. 9, 1960	1	50		8 1/2	"	D	Basement 5; coarse sand 11; gravel 17. Water at 9.
Con IX " 20	C. Slade	"	Mar. 22, 1961	1	30	2 1/2		"	D	Yellow sand 2; fine gravel 10. Water at 2.
Con IX " 24	P. Uermulst	R. McKenzie	Apr. 28, 1962	1	12		13	"	D	Basement 5; coarse sand 13; fine gravel 22. Water at 13.
Con IX " 24	"	"	Jul. 23, 1963	1	7		17	"	D	Yellow sand 5; gravel stones 6; brown sand 16; clay 17; fine gravel 25. Water at 22.
Con X " 3	S. Potz	R. Hodgson	Aug. 30, 1962	5		170		Sulphur	D, S	Topsoil 2; yellow sand 12; clay sand 26; sand 30; sandy sand 120; clay 150; clay boulders 165; clay sand 170; limestone 175. Water at 173.
Con X " 7	A. Burns	W. Burwell	Jul. 10, 1963	5	8	31	26	Fresh	D	Fine sand 27; medium sand 41. Water at 37.
Con X " 13	R. C. Clarysse	T. VanKessel	Oct. 2, 1962	1	5	5		"	D, S	Topsoll 2; medium sand 5; fine sand 15. Water at 5.
Con X " 22	L. Atkinson	S. Linton	Jun. 26, 1962	1	5		14	"	D	Sand 12; sand 11; fine gravel 22. Water at 14.
Con XI " 1	H. Agerman	R. Hodgson	Mar. 30, 1963	5	5	68	52	"	D, S	Old well 25; clay sand 60; brown sand 67; clay 75; grey sand 87. Water from 75 to 87.
Con XI " 3	School Area	"	Jan. 6, 1960	2	4		20	"	P	Fill 2; gravel 15; clay sand 22; fine sand 30. Water from 22 to 30.
Con XI " 3	"	"	Sep. 12, 1961	2	1		12	"	P	Topsoil 2; gravel sand 12; clay sand 22; fine sand 27. Water from 22 to 27.
Con XI " 3	"	"	Sep. 12, 1961	5	5	155	38	Sulphur	P	Topsoil 2; gravel sand 12; clay sand 22; fine sand 27; clay 32; sandy sand 80; clay 128; coarse sand 150; gravel sand 155; grey limestone 165. Water at 163.
Con XI " 3	"	"	Sep. 1, 1962	1	2		12	Fresh	D	Black topsoil 1; gravel 6; fine sand 8; medium sand 18. Water at 18.
Con XI " 3	R. Linn	C. Strome	Sep. 1, 1962	1	2			"	D	Topsoil 2; sand 25. Water from 28 to 35.
Con XI " 3	L. J. Greenland	R. Hodgson	Oct. 20, 1962	2	2	30	25	"	D	Topsoil 2; sand 25. Water from 28 to 35.
Con XI " 4	W. P. Hilliard	R. VanKessel	Aug. 28, 1961	1	3		10	"	D	Clay fine sand 15. Water at 10.
Con XI " 4	C. Hilliard	"	Sep. 28, 1961	1	3		18	"	D	Old well 22; brown quicksand 34. Water at 18.

Charlotteville Twp. Cont'd.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	FUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont. Houghton Twp. -cont. Con II lot 8 Con II lot 11 Con II lot 14	G. Matthews C. Harvey B. Underhill	G. Warren L. Hodgson & Son J.H. Weaver & Son	Jul. 6, 1960 May 1, 1962 Sep. 4, 1961	5 1 1	10 20 8	22 6 8	10 6 8	Fresh " "	D D,S D	Yellow sand 12;clay 26;sand 35. Water from 26 to 35. Fine sand 6;coarse sand 22. Water at 18. Topsoil 1;yellow sand 4;white sand 8;blue quicksand 15. Water at 8.
Con III lot 6 Con III lot 8 Con III lot 12 Con III lot 13 Con III lot 14	R. Lisabeth J. Breitt C. Harvey W. Ferguson R. Rodgers	L.Hodgson & Son C. Strome L.Hodgson & Son L.Hodgson & Son J.H.Weaver & Son	May 18, 1961 Jul. 24, 1962 Mar. 2, 1962 May 5, 1962 Jul. 25, 1961	2 5 1 1 1	7 10 20 20 5	8 35 6 6 4	8 20 6 4 4	" " " " "	D D D D D	Silty sand 6;medium sand 30. Water from 8 to 30. Old well 20;putty sand 30;fine sand 40. Water at 40. Fine sand 6;coarse sand 22. Water at 18. Fine sand 6;silty clay 15. Dry hole. Topsoil 1;yellow sand 4;putty sand 21;blue quicksand 24. Water at 4.
Con III lot 14	C. Ketchaw	"	Aug. 1, 1961	1	8	8	5	"	D	Topsoil 1;yellow sand 5;blue putty sand 15;hardpan 16;grey quicksand 25. Water at 5.
Con IV lot 2	M. Masschaele	"	Nov. 1, 1961	1	8	8	13	"	D	Yellow sand 6;white sand 13;brown sand 25. Water at 13.
Con IV lot 8	Hicks & Lawrence	"	Jul. 21, 1963 Jul. 25, 1962	2 1	75 5	7 5	7 5	" "	D D	Previously bored 20;grey quicksand 32. Water at 7. Topsoil 1;black swarp sand 5;grey quicksand 10;white sand 20. Water at 5.
Con IV lot 8	P. De Weche	L. Hodgson & Son	Apr. 4, 1963	1	8	8	5	"	D	Grey sand 5;coarse sand 20. Water at 16.
Con IV lot 10	R. Hazen	G. Warren	Apr. 11, 1960	5	10	27	12	"	D,S	Yellow sand 18;hard sand 26;sand 44. Water from 26 to 44.
Con V lot 3	R. Miggins	L. Hodgson & Son	Mar. 15, 1963	1	7	20	20	"	D	Fine brown sand 27; Water at 20.
Con VI lot 8	H. Pow	"	Jul. 25, 1963	2	2	13	13	"	D	Fine sand 21. Water at 13.
Con VII lot 1	M. Renneboog	J.H.Weaver & Son	Jun. 2, 1960	1	8	5	5	"	D,Ir	Topsoil 1;brown clay 5;brown sand 13. Water at 5.
LRN lot 1	C. Budey	"	Apr. 13, 1962	1	8	8	18	"	D,Ir	Topsoil 1;yellow sand 5;white sand 18;brown sand 23;blue sand 25. Water at 18.
LRN lot 3	A.E. Francis	C. Strome	Jul. 6, 1961	1	2	2	12	"	S	Red sand 5;white sand 18;mixed dark sand 23. Water at 23.
LRN lot 6	C. Fasseel	"	Oct. 9, 1962	4	2	29	28	"	D	Old well 26;fine sand 30;putty sand 35;coarser sand 49. Water at 49.
LRN lot 9	H. Atkins	J.H.Weaver & Son	Apr. 1, 1961	1	6	27	27	"	D,Ir	Topsoil 1;yellow sand 7;white sand 27;brown quicksand 31.
LRN lot 9	"	"	May 1, 1962	1	6	26	26	"	D,Ir	Topsoil 1;yellow sand 6;white sand 26;grey quicksand 31.
LRN lot 9	"	"	Apr. 9, 1963	2	4	26	26	"	D	Old well 6;yellow sand 26;grey sand 32;brown clay 35;dark sand 50. Water at 35.
LRN lot 10	A. Jackson	C. Strome	Jan. 12, 1963	4	4	35	27	"	D	Dark soil 20;red sand 20;white sand 30;dark sand 35;dark fine sand 58. Water at 35.
LES lot 6	T. Szenteal	G. Warren	Apr. 24, 1961	5	8	44	30	"	D	Yellow sand 20;putty sand 52;sand 64. Water from 52 to 64.
LES lot 9	C. Vincent	J.H. Weaver & Son	May 22, 1962	1	7	39	39	"	D,Ir	Old well 15;white sand 39;grey quicksand 49. Water at 39.
LES lot 9	L. Alton	L.Hodgson & Son	Mar. 20, 1963	1	7	24	24	"	D,Ir	Old well 15;brown sand 23;grey sand 35. Water at 23.
LES lot 16	P. Varril	J.H.Weaver & Son	Aug. 22, 1963	1	8	45	45	"	D,C	Old well 20;white sand 23;white quicksand 35. Water at 39.
NRE lot 1	S. Sewell	"	Apr. 11, 1961	1	8	20	20	"	D,Ir	Open pit 2;white sand 20;brown quicksand 35. Water at 20.
NRE lot 2	C. Decester	P.V.K. & Sons	Apr. 14, 1963	2	240	12	12	"	D	Topsoil 1;soft 1;sand 30. Water at 30.
NRE lot 7	C. McCard	C. Norman	Nov. 9, 1960	2	5	12	12	"	D	Topsoil 2;yellow sand 12;fine sand 25;coarse sand 32 1/2. Water at 12.
NRE lot 10	P. Adler	J.H.Weaver & Son	Aug. 13, 1962	1	5	12	12	"	D,Ir	Topsoil 1;yellow sand 5;brown sand 12;grey quicksand 20. Water at 12.
Middleton Twp. Con I lot 3 Con I lot 3 Con I lot 3	J.B. Deen L. Silwell H. Sage	L. Hodgson & Son G. Warren Chatterton & Belore	Oct. 10, 1962 Dec. 5, 1961 Jul. 23, 1962	1 5 2	6 1/2 7 8	28 20 26	7 15 28	Fresh " "	D D,S D	Sandy loam 7;medium sand 27. Water at 25. Sand 24;fine sand 33. Water from 24 to 33. Old well 15;grey clay 32;gravel 36;grey clay 61;sand 75. Water at 15 and 61. Black muck 9;yellow clay sand 18;clay stones 50;sand 64.

TRN	On I	J.B. Dean	L. Hodgson & Son	Mar. 21, 1963	1	9	18	Fresh	Ir	Pit 4; brown fine sand 15; hardpan 18; coarse sand 31. Water at 18.
TRN	On I	G. Francia	"	May 15, 1961	2	10	3	"	Ir	Sandy clay 3; putty sand 18; clay 21; coarse sand 37. Water from 21 to 37.
TRN	On I	P. Homick	G. Warren	Oct. 23, 1962	5	5	25	"	D, C	Yellow sand 6; clay stones 52; sand 63. Water from 52 to 63.
TRN	On I	J.B. Dean	L. Hodgson & Son	Oct. 15, 1962	1	10	19	"	D, I	Sandy loam 8; medium sand 28. Water at 25.
TRN	On I	"	"	Oct. 12, 1962	1	10	8	"	D, I	Sandy loam 8; medium sand 29. Water at 25.
TRN	On I	I. Brown	J.H. Weaver & Son	Aug. 3, 1962	1	8	14	"	D, I	Topsoll 1; yellow sand 6; white sand 14; brown quicksand 20; grey quicksand 26. Water at 14.
TRN	On J	E. May	G. Warren	Aug. 30, 1962	5	1 1/2	35	"	D, S	Yellow sand 25; grey putty sand clay 76; dirty fine sand 82. Water from 76 to 82.
TRN	On I	M. Bierliet	"	Apr. 13, 1962	5	5	25	"	D	Clay stones 45; sand clay 70; sand 75. Water from 70 to 75.
TRN	On I	W. Gadman	Cole Water Wells	Apr. 11, 1963	5	16	28	"	D	Yellow sand 12; soft grey clay 45; grey clay stones 56; fine sand 70; coarse sand 87. Water from 70 to 87.
TRN	On I	H.M. Lambert	Hadco Well Digging	May 27, 1963	30	2	28	"	D	Topsoll 1; brown sandy clay 13; grey clay 15; grey blue sand 20. Water at 15.
TRN	On I	B. Hewitt & B. Pettman	W.E. Locker	Jun. 1, 1963	5	11	13	"	P	Topsoll 1; coarse sand 15; blue clay 70; fine sand 78; blue clay. Water from 4 to 15 and from 70 to 78.
TRN	On I	E. Wies	W.A. Belore	Aug. 29, 1962	1	5	17	"	D	Red sand 7; grey clay 21; putty sand 24; coarse sand 39. Water at 24.
TRN	On I	"	"	Mar. 25, 1960	1	6	12	"	D	Fill 3; black sand 6; clay 18; sand 30. Water at 18.
TRN	On I	"	"	Sep. 21, 1960	1	3	11	"	D	Red sand 4; dark sand 8; stony clay 17; sand 33. Water at 17.
TRN	On I	"	"	Dec. 1, 1960	1	3	16	"	D	Red sand 5; dark sand 8; stony clay 17; sand 32. Water at 17.
TRN	On I	Co-op Courtland Hwy Property	"	Aug. 3, 1961	1	2	7	"	C	Dark sand 3; red sand 6; brown clay 24; sand 30. Water from 24 to 30.
TRN	On I	H. Wies	"	Aug. 14, 1961	1	4	11	"	D	Red sand 2; dark sand 8; gravel 11; brown clay 20; putty sand 24; fine sand 35. Water from 24 to 35.
TRN	On I	S. Herale	V. Chatterson	Aug. 22, 1961	1	4	11	"	D	Topsoll 1; red sand 4; blue clay 21; putty sand 25; sand 35.
TRN	On I	H. Wies	"	Sep. 5, 1961	1	4	14	"	D	Water at 4 and 25.
TRN	On I	"	W.A. Belore	Oct. 18, 1961	1	5	10	"	D	Topsoll 1; red sand soil 4; blue clay 22; putty sand 28; sand 38.
TRN	On I	C. McGrezer	V. Chatterson	Nov. 1, 1961	1	4	8	"	D	Dark sand 2; red sand 8; brown clay 20; putty sand 30; fine sand 40. Water from 30 to 40.
TRN	On I	B. Lockstein	"	Oct. 31, 1961	1	4	10	"	D	Topsoll 1; red sand 3; blue hard clay 19; fine sand 27; coarse sand 37. Water at 19 and 37.
TRN	On I	L. Stewart	J.H. Weaver & Son	Jun. 15, 1962	1	8	19	"	D	Dark soil 5; siltic sand 8; hard blue clay 32; putty sand 38; sand 46. Water at 8 and 38.
TRN	On I	H. Wies	Chatterson & Belore	Jul. 27, 1962	1	5	12	"	D	Topsoll 1; brown stony clay 6; blue stony clay 19; blue quicksand 31. Water at 19.
TRN	On I	"	W.A. Belore	Aug. 29, 1962	1	5	12	"	D	Fill 3; topsoll 4; sand 8; grey clay 24; sand 40. Water at 24.
TRN	On I	R. Grant	"	Sep. 4, 1962	1	6	11	"	D	Sand fill 2; topsoll 3; red sand 7; clay 21; putty sand 24; sand 39. Water at 24.
TRN	On I	Courtland School	L. Hodgson & Son	Nov. 3, 1962	2	10	18	"	P	Dark sand 3; grey clay 15; silty sand 21; coarse sand 35. Water at 16.
TRN	On I	United Church	G. Warren	Dec. 4, 1962	5	1	67	"	P	Grey clay 18; coarse sand 43. Water at 18.
TRN	On I	M. Young	J.H. Weaver & Son	May 2, 1963	1	8	20	"	P	Yellow sand 12; hard grey clay stones 56; fine dirty sand 67. Water from 56 to 67.
TRN	On I	People's Meat Market	C. Strome	Sep. 30, 1963	2	5	19	"	D	Topsoll 1; brown clay 20; sand 28. Water at 20.
TRN	On I	G. Pettenger	V. Chatterson	Sep. 20, 1960	1	30	7	"	D	Red sand 5; stones clay 19; clay 26; fine sand 34. Water at 34.
TRN	On I	T. Morgan	W. Belore	Aug. 4, 1962	2	5	20	"	C	Sand loam 12; hardpan 20; sand 30. Water at 20.
										Black sand 2; hard sand 6; grey clay 20; putty sand 36; fine sand 50. Water at 45.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont. Middleton Twp. -cont.										
TRN Con I	G. Robinson	J.H.Weaver & Son	Nov.30,1962	1	8		7	Fresh	S	Topsoil 1;yellow sand 7;brown quicksand 20;grey quicksand 25. Water at 7.
TRN Con I	D. Wallick	"	Jun.11,1962	2	8		30	"	D	Fill 2;topsoil 3;yellow sand 9;brown stony clay 21;sand 30; blue quicksand 34;blue putty sand 36;blue quicksand 54. Water at 6 and 34.
TRN Con I	F. Kerkette	"	Apr. 4,1963	1	8		4	"	D,Ir	Topsoil 1;brown sand 4;brown quicksand 10;grey quicksand 20. Water at 4.
TRN Con I	C. McKay	R. Hodgson	Oct.17,1963	4	2	46	36	"	D	Old well 15;clay sand 32;sand 40;fine sand 52. Water from 45 to 52.
TRN Con I	T. Schifer	J.H.Weaver & Son	Jun.23,1962	1	8		6	"	D	Fill 2;topsoil 3;yellow sand 6;muck 10;grey quicksand 22. Water at 6.
TRN Con I	Experimental Farm Delhi	G. Warren	Feb.27,1961	5	20	21	16	"	D,Ir	Yellow sand 22;hardpan 23;sand 40. Water from 23 to 40.
TRN Con I	D. Popalov	B. Hodgson	Jul. 4,1961	2	98		14	"	Ir	Topsoil 1;yellow sand 12;coarse sand 15;sand 27. Water at 14.
TRN Con I	E. Verbust	W. Burwell	Aug.11,1962	5	8	55	50	Sulphur	D	Sand 10;clay 50;putty sand 125;blue clay 176;rock 196. Water at 196.
TRN Con I	G. Bakos	Burwell&Evanitski	Jun. 6,1961	4	5	45	35	Fresh	D,S	Sand 10;clay 50;sand 60. Water at 50.
TRN Con I	M. Verbust	W. Burwell	Oct. 6,1962	2	3	50	50	"	Ir	Sand 58. Water at 53.
TRN Con I	J. Kovac	J.H.Weaver & Son	Jun.28,1961	5	8	53	53	"	Ir	Old well 51;brown quicksand 70. Water at 53.
TRN Con I	W. Beyer	G. Warren	Mar.25,1962	5	5	34	30	"	D,S	Yellow sand 25;clay stones 30;yellow sand 39. Water from 30 to 39.
TRN Con I	B. Person	WarrenWater Wells	Apr.23,1963	5	10	35	31	"	D	Sand 55. Water from 48 to 55.
TRN Con I	J. Mayersak	G. Warren	May 2,1962	5	5	72	36	Sulphur	D,S	Yellow sand 52;white sand 58;sort clay 62;putty sand 80;grey clay 120;clay stones 132;silly rock 136. Water at 136.
TRN Con I	G.G. Kent	G.A.Dennis & Sons	Aug.15,1962	5	15	42	35	"	D	Sand 35;putty sand 75;fine sand 95;clay gravel sand 116;clay coarse gravel 120;brown limestone 153. Water at 150.
TRN Con II	L.Erie Tobacco Farm	L. Hodgson	Apr. 2,1963	1	2	16	16	Fresh	Ir	Old well 16;fine sand 20;grey clay 24;coarse sand 36. Water at 24.
TRN Con II	C. VanDerhoven	J.H.Weaver & Son	Nov.19,1962	1	6		17	"	D,Ir	Topsoil 1;yellow sand 17;brown putty sand 18;blue clay 19; blue putty sand 32. Water at 17.
TRN Con II	L. Robinson	G. Warren	Dec.15,1961	5	5	115	100	"	D	Clay stones 35;dark gravel 32;clay sand 85;sand 110;8 clay sand 126. Water from 11 to 126.
TRN Con II	J.B. Dean	L. Hodgson	Apr. 3,1963	1	8		8	"	Ir	Old well 6;fine sand 10;coarse sand 28. Water at 10.
TRN Con II	G. Farkas	J.H. Weaver & Son	Sep. 1,1962	1	5		55	"	D,Ir	Old well 50;brown sand 55;grey quicksand 70. Water at 55.
TRN Con II	H. Ronson	G. Warren	Sep.20,1962	5	5	60	55	"	D,S	Yellow sand 20;grey clay 48;yellow sand 65;sand 80. Water from 65 to 80.
TRN Con II	H. Viet	J.H.Weaver & Son	May 25,1962	1	8		14	"	D,Ir	Old well 15;bricks boards 20;blue clay 31;brown quicksand 40. Water at 14 and 31.
TRN Con II	E. Sandham	W. Belore	Jul.17,1963	2	4		9	"	D	Red sand 3;dark sand 6;grey clay gravel 42;dark sand 45; medium sand 63. Water at 45.
TRN Con II	K. Walker	G. Warren	Jul.17,1963	5	3 1/2	90	40	"	D	Yellow sand 4;clay stones 40;putty sand 50;clay stones 95; fine sand 105. Water from 95 to 105.
TRN Con II	M. Phillion	W.E. Locker	Nov.20,1961	4	5	17	4	"	In	Yellow sand 6;blue clay 20;fine gravel coarse sand 32. Water from 20 to 32.
TRN Con II	T. Botzang	S. Linton	Mar.15,1961	1	15	25	24	"	D,S	Coarse sand 26;fine sand 30. Water at 24.
TRN Con I	"	R. Hodgson	May 23,1962	2	2		5	"	Ir	Topsoil 2;sand 4;clay sand 8;sand 12;sand gravel 17. Water from 12 to 17.
TRN Con III	J. Arnoczki	W. Burwell	Nov. 4,1961	5				"	D,S	Old well 20;blue clay 20;silty sand 138. Dry hole.
TRN Con III	W. Ball	"	Oct.26,1961	5	7	22	25	"	D,S	Sand 6;clay 80;sand 131. Water at 120.
TRN Con III	T. Vianic	G. Warren	Jan.17,1962	5	5	129	104	"	D,S	Clay 70;sand 104;fine sand 124. Water from 100 to 124.
TRN Con III	O. Gorman	"	Sep.23,1962	5	3	120	110	"	D,S	Clay 70;sand 104;fine sand 124. Water from 100 to 124.

TRN Con III	"	6	H. McDonald	G. Warren	Dec.29,1961	5	10	100	55	Fresh	D,S	Clay stones 35;sand 40;clay sand 52;sand 120. Water from 100 to 120.
TRN Con III	"	6	C. Matheusik	"	Jan. 6,1962	5	8	109	100	"	Ir	Clay 25;dirty gravel 36;grey clay 65;sand 119. Water from 101 to 119.
TRN Con III	"	11	R. Nunn	W. Burwell	Mar.14,1963	5	10	14	10	"	Ir	Fine sand 20;coarse sand 27. Water at 20.
TRN Con III	"	12	A. Sares	L.Hodgson & Sons	Jul.27,1963	2	50	8	8	"	T	Fine sand 8;coarse sand 18;fine sand 41. Water at 8 and 18.
TRN Con III	"	13	W. Livingston	J.H.Weaver & Son	Jul.15,1961	1	8	31	31	"	D	Topsoil 1;yellow sand 51wite sand 31;white quicksand 45. Water at 31.
TRN Con III	"	14	J. Sares	Cole Water Wells	Mar.30,1963	5	7	22	18	"	Ir	Yellow sand 22;white sand 35;sand 46. Water from 35 to 46.
TRN Con III	"	15	A. Radocz	G. Warren	Jul.11,1960	3	50	26	7	"	Ir	Topsoil 3;yellow sand 39;sand clay streaks 47;sand 65. Water from 47 to 65.
TRN Con III	"	15	Livinston Motors	"	Jan.24,1961	5	8	35	20	"	C	Old well 8;yellow sand 35;sand 42. Water from 35 to 42.
TRN Con III	"	15	LivinstonWood Mfg. Co.	"	Oct.10,1961	8	45	24	17	"	F	Yellow sand 8;putty sand clay streaks 44;sand 67. Water from 44 to 57.
TRN Con III	"	15	Tallsonburg	International Water Supply Ltd.	Oct.12,1961	2				"	T	Topsoil 3;sand 5;soft blue clay 10;sand 50;finer sand 70;sand 79;blue clay 91.
TRN Con III	"	15	J. Knabb	J.H. Weaver & Son	May 3,1963	1	8	15	23	"	P	Old well 51wite sand 23;brown sand 35. Water at 23.
TRN Con III	"	16	A. Ozslanszki	G. Warren	May 17,1961	5			8	"	Ir	Yellow clay 18;grey clay 20;white sand 35;fine sand 54;coarse sand 65. Water from 54 to 65.
TRN Con IV	"	2	J. Mikenas	J.H.Weaver & Son	Jun.12,1961	1	8	17	17	"	D	Old well 17;grey quicksand 37. Water at 17.
TRN Con IV	"	2	J. Keskai	Warren Water Wells	May 7,1963	5	5	56	40	"	Ir	Yellow sand 50;fine brown sand 56. Water from 50 to 56.
TRN Con IV	"	3	J. VanDemaale	W. Burwell	Oct.29,1963	1	5	10	8	"	D	Sand 13. Water at 8.
TRN Con IV	"	6	I. Spiers	Cole Water Wells	Sep. 4,1963	5	5	50	45	"	D	Yellow sand 20;white sand 28;soft grey clay 60;sand 70. Water from 60 to 70.
TRN Con IV	"	10	C. Garnett	J.H.Weaver & Son	Nov. 5,1960	1	8	18	18	"	D	Topsoil 1;yellow sand 4;white sand 14;brown harden 16;brown sand 27. Water at 18.
TRN Con IV	"	11	F. Bacon	"	Dec.28,1963	1	8	22	22	"	D,Ir	Topsoil 1;yellow sand 51;white sand 22;brown quicksand 34. Water at 22.
TRN Con IV	"	12	"	"	Dec.30,1963	1	8	23	23	"	D,S	Old well 4;yellow sand 5;white sand 23;brown quicksand 35. Water at 23.
TRN Con IV	"	13	P. Llerman	J.H.Weaver & Son	Nov. 3,1962	1	5	24	24	"	D	Topsoil 1;yellow sand 7;white sand 24;sand 35. Water at 24.
TRN Con IV	"	13	D. Fleming	"	Nov.22,1962	1	8	28	28	"	In	Topsoil 1;yellow sand 8;white sand 28;grey sand 40. Water at 28.
TRN Con IV	"	13	W. Stacey	"	May 4,1963	1	8	19	19	"	C	Fill 2;Topsoil 3;yellow sand 6;white sand 19;brown sand 13. Water at 19.
TRN Con IV	"	13	G. VerBauyt	"	Jul. 1,1963	1	8	25	25	"	D	Topsoil 1;yellow sand 5;wite sand 25;brown sand 37;blue sand 37. Water at 25.
TRN Con V	"	1	E. Prose & P. Kelly	G. Warren	May 22,1962	5	5	65	41	"	D	Yellow clay 17;grey clay stones 30;red sand 65;sand 77. Water from 65 to 77.
TRN Con V	"	1	A. Metselaar	W.E. Locker	Sep.10,1963	5	5	35	32	"	D	Yellow clay 8;blue clay 34;grey sand 41;blue clay 43;sand 87;blue clay 91;coarse sand fine gravel 98. Water from 91 to 98.
TRN Con V	"	2	L.W.Sanders	J.H.Weaver & Son	Dec.17,1962	1	5	50	50	"	D	Old well 50;grey quicksand 66. Water at 50.
TRN Con V	"	3	R. Bently	G. Warren	Jun.21,1961	5	2	87	62	"	D,C	Yellow sand fill 5;grey clay 10;yellow sand 86;fine sand 91. Water from 86 to 91.
TRN Con V	"	5	P. Vanbooren	J.H.Weaver & Son	Sep.13,1962	1	4	9	9	"	D	Topsoil 1;yellow sand 8;hardtan 9;sand 14. Water at 9.
TRN Con I	"	1	G. Jenkins	L. Hodgson & Son	Mar. 1,1962	1	20	5	15	"	D,S	Fine sand 15;coarse sand 25. Water at 15.
TRN Con I	"	5	F.J. Verkuil	G. Warren	Oct. 2,1962	5	5	25	15	"	D	Yellow sand 4;yellow clay stones 20;putty sand 28;grey clay stones 63;sand 72. Water from 63 to 72.
TRN Con I	"	13	H. Evenitski	Burwell&Evanski	May 15,1961	1	6	8	8	"	D	Brown sand 19;grey sand 29. Water at 19.
TRN Con I	"	14	D. Varro	"	May 10,1961	1	4	10	10	"	D	Sand 25. Water at 20.
TRN Con I	"	16	K. Miklos	W.A. Belore	Aug. 9,1961	1	6	7	7	"	D	Dark sand lired sand 6;grey sand 26. Water from 11 to 26.
TRN Con I	"	16	R. Hornyak	Burwell&Evanski	Aug. 5,1961	4	6	12	12	"	D,S	Sand 32; Water at 32.
TRN Con I	"	19	H. Verecke	J.H.Weaver & Son	Jan.27,1961	1	8	8	8	"	D	Topsoil 1;yellow sand 8;grey quicksand 20. Water at 8.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MORFOLK COUNTY -cont. Middleton Twp. -cont.										
THS Con I 18t 22	J. VanRutvelde	V. Chatterton	Apr. 22, 1961	1	4		9	Fresh	D	Topsoil 1; clay loam 4; blue clay 23; putty sand 31; sand 44. Water at 31.
THS Con I "	G. B. & L. E. H. eham	J. H. Weaver & Son	Aug. 17, 1962	1	8		27	"	D	Topsoil 1; yellow sand 7; blue clay 27; blue quicksand 40. Water at 27.
THS Con I "	Courtland Welding Service	Warren Water Wells	May 30, 1963	5	10	25	8	"	D, In	Yellow sand 8; grey clay 38; fine sand 42. Water from 38 to 42.
THS Con I "	O. Simmons	W.A. Belore	Apr. 5, 1961	1	4			"	D	Dark sand 3; red sand 7; grey sand 10; fine gravel 27. Water at 10.
THS Con I "	J. Ashton	V. Chatterton	Apr. 23, 1961	3	4	14	14	"	C	Top fill sandy 4; loam 16; hard blue clay 29; sand 44. Water from 29 to 44.
THS Con I "	G. Burnett	"	Sep. 3, 1962	1	5	24	24	"	D	Topsoil 1; white sand 14; clay 42; silt sand 47; sand 63. Water at 47.
THS Con I "	V. Simmons	W.A. Belore	Oct. 24, 1963	2	5	12	12	"	In	Dark sand 3; gravel clay 21; sand 41. Water at 21.
THS Con I "	D. Farkas	"	Oct. 27, 1960	1	12		12	"	D	Dark sandy loam 3; clay 22; sand 44. Water at 22.
THS Con I "	O. Wilkinson	V. Chatterton	Jun. 19, 1961	1	4	11	11	"	D	Topsoil 1; sandy soil 4; blue clay 17; putty sand 22; red sand 27. Grey sand 33. Water at 22.
THS Con I "	E. Lockstein	"	Sep. 22, 1961	1	4	8	8	"	D	Topsoil 1; red sand 5; grey marrow 26; sand 32; fine gravel 37. Water at 26.
THS Con I "	Courtland Super Market	W.A. Belore	Nov. 9, 1961	1	5	19	19	"	C	Stony fill 5; topsoil 6; red sand 8; clay 33; sand 48. Water at 36.
THS Con I "	J. Shemo	"	Oct. 26, 1960	1	4		12	"	"	Dark sand 4; grey sand 16; sand 28. Water at 16.
THS Con I "	L. Gartner	W. Burwell	Mar. 20, 1962	4	10	24	20	"	D, S	Fine sand 30; sand 50. Water at 30.
THS Con I "	A. Butka	W.A. Belore	May 9, 1962	1	5		15	"	D	Yellow sand 4; grey sand 9; blue clay 23; coarse sand 40. Water at 28.
THS Con I "	M. Giba	Burwell & Evantiski	Oct. 10, 1961	4	10	22	16	"	D	Clay 22; sand 34. Water at 34.
THS Con I "	M. Loebel	R. Hodgson	Nov. 29, 1962	2	6	25	25	"	D	Topsoil 2; fill 8; brown clay 32; medium sand 38. Water from 32 to 38.
THS Con I "	P. Letos	G. Warren	Aug. 3, 1960	5	15	65	60	Sulphur	N	Clay stones 44; sand silt 85; clay stones 194; limestone 204. Brown rock 198. Water at 197.
THS Con I "	S. Ruppert	Burwell & Evantiski	Jul. 14, 1961	5					D, S	Topsoil 1; gravel 23; putty sand 110; clay 140; putty sand 180.
THS Con I "	S. Keprioh	J. H. Weaver & Son	Jul. 13, 1963	1	13		10	Fresh	D, Ir	Topsoil 1; yellow sand 5; white sand 10; sand 24. Water at 10.
THS Con I "	C. Goossens	G. Warren	Apr. 16, 1962	5	10	27	14	"	D, S	Yellow sand 28; grey sand 33. Water from 20 to 33.
THS Con I "	V. Chatterton	V. Chatterton	May 24, 1961	1	5		14	"	D	Topsoil 2; coarsest sand 14; fine gravel 18; coarse sand 27; fine sand 38. Water at 18.
THS Con I "	A.E. Plette	R. Hodgson	Jun. 24, 1961	5	2 1/2	55	48	"	D	Topsoil 1; yellow sand 16; clay sand 53; sand 60. Water from 53 to 60.
THS Con I "	C. Ceercics	"	Jul. 7, 1961	5	2 1/2	66	61	"	D	Fill 2; clay 5; yellow sand 16; sand clay 63; fine sand 72. Water from 63 to 72.
THS Con I "	F. Thomas	G. Warren	Oct. 24, 1960	5	10	28	Flows	Sulphur	D	Fine gravel 15; putty sand 65; grey clay 89; clay stones 100; limestone 116. Water at 116.
THS Con I "	G. Wilbur	W. Belore	Jun. 21, 1962	2	1 1/2		35	Fresh	D	Sand 5; white sand 26; medium gravel 31; grey clay 35; fine sand 56; putty sand 60. Water at 51.
THS Con II "	H. Regole	L. Hodgson & Sons	Nov. 1, 1960	2	9	5	5	"	Ir	Sandy loam 5; fine sand 18; clay 21; coarse sand 37. Water from 5 to 18 and from 21 to 37.
THS Con II "	H. Fisher	C. Norman	Jul. 3, 1962	2	4		8	"	D	Topsoil 8; fine sand 16. Water at 8.
THS Con II "	B. Putoczki	W. Burwell	Oct. 3, 1960	2	5		14	"	Ir	Sand 5; clay 40; sand 62. Water at 40.
THS Con II "	W. Gee	C. Norman	Oct. 16, 1961	3	5		9	"	D	Topsoil 3; red sand 8; hardpan 9; medium sand 20. Water at 9.
THS Con II "	H. Kaplan	T. Vankessel	Apr. 19, 1961	1	2		8	"	N	Fine sand 16. Water at 8.
THS Con II "	"	T. Strone	Aug. 16, 1963	1	2		15	"	D	Red sand 3; white sand 25; sand 29. Water at 25.
THS Con II "	"	T. Vankessel	Oct. 23, 1963	1	3		6	"	D, S	Topsoil 3; coarse sand 25; fine sand 26. Water at 15.
THS Con II "	W.A. Belore	W.A. Belore	Apr. 8, 1961	1	5		6	"	Ir	Red sand 3; coarse sand 9; sand 24. Water at 9.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ¹	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
MORFOLK COUNTY -cont. North Walsingham Twp. cont.										
lot 21 Con VIII	A. Veres	Burwell&Evanitski	Mar.25,1961	4						Old well 29;sand 41. Dry hole.
" 8 Con IX	G. Riviere	W.A. Belore	Aug.30,1960	2	7 1/2		8	Fresh	D,S	Old well 16;sand 30. Water from 10 to 30.
" 12 Con IX	G. McDowell	L. Hodgson	Apr. 3,1962	1	2		5	"	D,S	Old well 8;fine sand 15. Water at 13.
" 12 Con IX	R.G. McDowell	"	Nov. 6,1963	1	8		6	"	Ir	Topsoil 20. Water at 4 and 16.
" 22 Con IX	M. Pernacz	R. Hodgson	Nov.26,1962	5	7	80	75	Sulphur	D,S	Topsoil 7;yellow sand 20;sand clay 50;soupy sand 160;clay 187;brown limestone 203. Water at 202.
" 22 Con IX	J.N. Wingrove	H. Johnson	Aug.2,1963	36	5	36	34	Fresh	D	Sand 8;hardpan 25;sand 34;coarse sand 41;silt 43;blue clay 43;coarse sand 52. Water at 34.
" 23 Con IX	J. Mayer	Burwell&Evanitski	Aug. 7,1961	4	4	15	23	"	D,S	Clay 5;sand 29;sand 34;sand clay 43;clay 50. Water at 29.
" 24 Con IX	J.A. Patterson	"	Aug. 6,1961	4	4 1/2	45	20	"	D	Sand 31;clay 31;sand 50. Water at 31 and 50.
" 24 Con IX	N. Horvath	R. Hodgson	Apr.11,1962	2	2	20	20	"	D,S	Yellow sand 3;sand 10;clay sand 20;sand 27. Water from 23 to 27.
" 5 Con X	R.G. McDowell	"	Mar. 8,1961	5	5	35	25	"	In	Yellow sand 8;clay sand 27;clay 50;sand 55;fine sand 65. Water from 55 to 65.
" 7 Con X	O.VanHovebeke	G. Warren	Oct.17,1962	5	6	45	16	"	D,S	Yellow sand 9;grey clay 34;putty sand clay 54;fine sand 60. Water from 54 to 60.
" 14 Con X	W. Godby	R. Hodgson	Nov. 2,1961	4	3	23	15	"	D	Topsoil 21;yellow sand 5;clay sand 20;sand 26. Water from 20 to 26.
" 24 Con X	E. Terdick	T. Vankessel	May 15,1961	2	5	65	36	"	D	Fine sand 45. Water at 36.
" 1 Con XI	T. VanGulck	G. Warren	Jun.11,1962	5	5		10	"	D,S	Yellow sand 8;putty sand clay 17;grey clay 55;putty sand clay 85;sand 96. Water from 85 to 96.
" 8 Con XI	A. Timpermen	L. Hodgson	Mar.18,1963	1	8	9	8	"	Ir	Brown sand 24. Water at 20.
" 12 Con XI	A. DeLeemans	C. Strome	Sep.28,1960	1	3		9	"	D	Red sand 4;hard sand clay 9;white sand 12;grey fine sand 18;coarse fine sand 23. Water at 18.
" 12 Con XI	L. Ebert	"	Jun.19,1961		3		8	"	D	Loam 3;red sand 8;fine grey sand 17;white sand 22. Water at 8.
" 14 Con XI	G. Fasseel	R. Hodson	Nov.14,1961	4	7	20	10	"	D,S	Topsoil 21;yellow sand 8;clay 12;clay sand 21;sand 28. Water from 21 to 28.
" 2 Con XII	J. Vermeersch	G. Warren	Mar.17,1961	5	2	46	30	"	D,S	Yellow sand 10;putty sand 34;fine sand 49. Water from 34 to 49.
" 6 Con XII	R. Opdeam	"	Oct.30,1961	5	4	56	34	"	D	Yellow sand 40;white sand 46;fine sand 56. Water from 46 to 56.
" 8 Con XII	R.G. McDowell	L. Hodgson & Son	Mar.25,1962	1	15		15	"	D,S	Old dug well 15;coarse sand 40. Water at 35.
" 10 Con XII	C. Spriet	W.A. Belore	Apr. 4,1963	2	5	20		"	D	Old well 20;fine gravel 28;putty sand 48;sand 65. Water at 29, 48 and 65.
" 11 Con XII	Karshaw lumber	R. Hodgson	May 14,1962	1	10		12	"	C	Fine sand 16;coarse sand 21. Water from 16 to 21.
" 12 Con XII	P. Emeryok	W.A. Belore	Apr.25,1960	1	6		20	"	D,C	Red sand 10;brown sand 14;sand 28. Water from 18 to 28.
" 12 Con XII	E. Parry	C. Strome	Oct.11,1962	1	3		9	"	D	Dark sand 6;red sand 15;plaster sand 20;sand 29. Water at 29.
" 12 Con XII	Bell Telephone Co.	G. Warren	Nov. 1,1962	5	5	18	13	"	F	Yellow sand 19;sand 22. Water from 18 to 22.
" 13 Con XII	L. Pieters	W.A. Belore	Aug.16,1960	1	5		8	"	D	Red sand 3;grey sand 9;sand 23. Water at 8.
" 15 Con XII	W. Dobbs	C. Strome	Nov.19,1960	1	2		19	"	D	Topsoil 22;fine sand clay 9;clay 13;silt 15;clay 21;sand 30. Water at 30.
" 15 Con XII	W. Dobbs	G. Warren	Nov. 6,1962	5	5	25	17	"	D	Yellow sand 25;putty sand 30;sand 35. Water from 30 to 35.
" 15 Con XII	W. Godwyn	WarrenWater Wells	Mar. 7,1963	5	5	30	8	"	D	Yellow sand 12;fine gravel sand clay 28;hard grey clay stones 3;fine grey sand 40;grey clay 40. Water from 38 to 40.
" 24 Con XII	J. Wiebe	S. Lyons & Son	Aug.11,1962	8	40	75	75	"	D,S	Fine sand 140;fine sand stones 161;grey limestone 170. Water from 140 to 170.
" 3 Con XIII	B. Hall	W. Burwell	Sep.20,1960	1	5	18	6	"	D	Sand 6;clay 25;sand 36. Water at 25.
" 6 Con XIII	A. Harozan	J. A. Warner & Son	Oct.16,1962	1	6		18	"	D,Ir	Topsoil 1;yellow sand 18;brown sand 31. Water at 18.
" 6 Con XIII	A. Dewaele	Cole Water Wells	Apr.23,1963	5	2	127	45	"	Ir	Yellow sand 12;grey clay 14;red clay 41;sand 140;putty sand 80;fine sand 88;white sand clay 121;sand 140. Water from 121 to 127.

cont.	lot	cont.	W.A. Belore	Jul. 8, 1960	1	7	40	7	Fresh	D	Red sand 5;dark sand 8;sand 20. Water at 8.
Con XIII	12	A. Spruet	W.A. Belore	Oct. 22, 1962	5	3	15	12	"	D	Yellow sand 3;fine sand 40. Water from 33 to 40.
Con XIII	13	J. VanDowse	C. Strone	Jun. 24, 1960	1	1	20	15	"	D	Red sand 6;white sand 14;grey sand 28. Water at 20.
Con XIII	13	C. VanderPoghe	C. Warren	Aug. 31, 1960	5	2	20	15	"	D	Yellow sand 20;red sand 30. Water from 20 to 30.
Con XIII	13	A. Lewis	C. Strone	Feb. 5, 1962	1	2	20	15	"	D	Sand stone 6;hard red sand 12;gravel 14;coarse sand 15;fine sand 38. Water at 16.
Con XIII	13	J. Allevwert	G. Warren	Aug. 1, 1962	5	10	30	20	"	D	Sand 3;yellow sand 40. Water from 32 to 40.
Con XIII	13	A. Tarcereen	W. Burwell	Sep. 28, 1962	5	7	15	13	"	D,C	Old dug well 12;sand 35;sand 42. Water at 32.
Con XIII	15	J. Cosyns	C. Strone	Jul. 20, 1963	2	35	11	11	"	Ir	Fill 3;sand stone 8;clay 12;fine sand 20;white sand 30. Water at 30.
Con XIII	15	"	"	Oct. 3, 1963	1	2	18	18	"	D	Old well 2;red sand 9;gravel clay 13;coarse sand 16;fine sand 28. Water at 28.
Con XIII	16	V. Simmlos	J.H. Weaver & Son	Oct. 30, 1961	1	8	14	14	"	Ir	Topsoil 1;yellow sand 4;gravel 5;white sand 11;streaks clay gravel 14;sand 25. Water at 14.
Con XIII	16	A. DeVriendt	W. Burwell	Jul. 17, 1962	5	15	30	10	"	Ir	Sand 20;clay 25;sand 40. Water at 25.
Con XIII	21	J. Pake	C. Strone	Jul. 17, 1962	5	30	15	10	"	Ir	Sand 20;clay 25;sand 46. Water at 25.
Con XIII	22	M. Bøzek	W.A. Belore	Apr. 9, 1960	2	5	20	20	"	D	Top fill 4;red sand 15;white sand 28;grey sand 38. Water at 30.
Con XIII	22	H.A. Wilson	R. Hodgson	Nov. 22, 1963	5	5	34	32	"	D,S	Red sand 10;clay sand 20;sand 45. Water at 20.
Con XIII	23	H.A. Wilson	G. Warren	Nov. 10, 1962	5	2 1/2	75	39	"	D,S	Topsoil 7;yellow sand 6;clay sand 30;gravel sand 36;coarse sand 46. Water from 36 to 46.
Con XIII	24	J. Major	R. Hodgson	Oct. 17, 1962	5	5	61	50	"	D,S	Yellow sand 20;fine gravel 25;yellow sand 78;fine sand 96. Water from 78 to 96.
Con XIV	1	H. Pickerskill	L. Hodgson & Sons	May 20, 1960	2	6	4	18	"	Ir	Topsoil fill 2;sand 6;grey clay 65;fine sand 72. Water from 66 to 72.
Con XIV	11	L. Exie Tobacco Co.	"	Jul. 15, 1960	2	11	4	18	"	Ir	Black sandy loam 4;coarse sand 27;clay. Water at 4.
Con XIV	12	R. VanSeveren	C. Norman	Apr. 25, 1960	2	5	8	13	"	D	Large dug bit 18;sand 19;coarse sand 47;clay. Water at 19.
Con XIV	12	C. DeWent	J.H. Weaver & Son	Oct. 15, 1962	1	8	8	13	"	D, Ir	Medium sand 8;sand 24. Water at 8.
Con XIV	12	R. Neyens	C. Strone	Jul. 13, 1963	2	10	15	15	"	Ir	Old well 12;gravel 17;brown quicksand 27;brown sand 34. Water at 13.
Con XIV	13	B. Stickle	"	May 22, 1962	2	2	14	14	"	Ir	Sand 3;clay stone 10;red sand 15;white sand 25;coarse sand 30. Water at 36.
Con XIV	15	H. Lambert	G. Warren	Sep. 1, 1963	5	20	14	7	"	D	Red topsoil 4;grey soil 27;fine sand 31. Water at 27.
Con XIV	15	J. LeSage	"	Aug. 29, 1961	1	3 1/2	30	22	"	D,S	Yellow sand 10;dirty sand 30;sand 41. Water from 30 to 41.
Con XIV	17	M. Botenburg	C. Strone	Aug. 29, 1961	1	2	15	15	"	D	Yellow sand 23;fine sand 30. Water from 23 to 30.
Con XIV	21	W. Vanlaux	W. Burwell	Nov. 15, 1962	2	7	16	21	"	D	Old well 15;sand 25. Water at 25.
Con XIV	21	S. Baswick	L. Hodgson & Sons	Nov. 15, 1960	2	10	42	22	"	Ir	Sand 20;gravel 28. Water at 20.
Con XIV	23	H. Langohr	G. Warren	Oct. 12, 1962	5	4	42	22	"	D	Large dug pit 20;sand 21;coarse sand 49. Water at 21.
Con XIV	24	H.L. Demarest	Warren Water-Wells	May 24, 1963	5	5	40	18	"	D, Ir	Yellow clay 18;grey clay 36;fine sand 42. Water from 38 to 42.
Simcoe Town		L. Smith	J.H. Weaver & Son	Oct. 4, 1960	1	8	20	20	"	D	Yellow sand 30;sand 36;clay 40. Water from 30 to 36.
Simcoe Town		Simcoe P.U.C.	International Water Supply Ltd.	Oct. 20, 1960	5				"	T	Old well 14;blue stony barren 17;coarse gravel 19;blue stony barren 20;brown sand 46.
Simcoe Town		"	"	Oct. 24, 1960	5				"	T, 7-60	Black muck 5;clay sand gravel 23;blue clay 70;rock. Water at 70.
Simcoe Town		N. Mandryk	E. Stewart	Mar. 24, 1961	7	5	35	35	"	T, 8-60	Fill 5;black muck 7;clay gravel 10;soft silty clay 35;clay 73.
Simcoe Town		Brook Woollen Mill Comp.	T. Vankessel	Jul. 7, 1961	2	20			"	D	rock. Sand clay mixture 129;soft grey limestone 140. Water at 140.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont.										
Simcoe Town - cont.	J. Gibson	R. Hodgson	Sep. 18, 1961	5	5	27	22	Fresh	D	Dug well 15'; clay sand 35'; sand 42'. Water from 35 to 42.
Simcoe Town	J. Rook	E.A. Mitchell	May 7, 1963	6	6	35	27	"	D	Clay 30'; sand 90'; clay gravel mixed 130'; brown limestone 133'. Water at 131.
Simcoe Town	Simcoe P.U.C.	International Water Supply Ltd.	Jul. 4, 1963	26	27 1/2	20	2	"	T	Silty sand 6'; coarse sand 24'; finer clean sand 34'; fine sand 42'. Water from 6 to 42.
Simcoe Town	"	"	Jul. 25, 1963	26	150	21	3	"	T	Silt thin streaks; clay gravel 5'; coarse sand 24'; medium to fine sand 32'; clay 32'. Water from 5 to 32.
Simcoe Town	"	"	Aug. 1, 1963	5				"	T	Black loam 1'; sand gravel 34'; sticky clay 44'.
Simcoe Town	"	"	Aug. 2, 1963	5				"	T	Black loam 1'; dirty sand gravel 3'; sand gravel 32'; sticky clay 34'.
Simcoe Town	"	"	Aug. 6, 1963	5				"	T	Black loam 1'; dirty sand gravel 2'; sand gravel 23'; clay silt 25'.
Simcoe Town	"	"	Aug. 6, 1963	5				"	T	Black loam 1'; sand gravel 17'; clay silt 18'.
Simcoe Town	"	"	Aug. 6, 1963	5				"	T	Black loam 1'; dirty sand clay gravel 3'; sand gravel 26'.
Simcoe Town	"	"	Aug. 7, 1963	5				"	T	Black loam 1'; dirty sand clay gravel 5'; sand gravel 19'; silt 21'.
Simcoe Town	"	"	Aug. 7, 1963	5				"	T	Black loam 1'; dirty sand gravel 19'; clay silt 21'.
Simcoe Town	"	"	Aug. 7, 1963	5				"	T	Black loam 1'; dirty sand clay gravel 4'; fine dirty sand 10'; silt 17'.
Simcoe Town	"	"	Aug. 7, 1963	5				"	T	Topsoil 1'; clay sand 4'; silt 23'.
Simcoe Town	"	"	Aug. 9, 1963	1				"	T	Black loam 1'; dirty sand 4'; sand 33'; silt clay 34'.
Simcoe Town	"	"	Aug. 12, 1963	5				"	T	Topsoil 1'; dirty sand clay 4'; sand 25'; sand clay 27'; sand clay 29'; clay sand silt 31'.
Simcoe Town	"	"	Aug. 12, 1963	1				"	T	Topsoil 1'; dirt sand clay gravel 4'; sand 17'; sand clay 25'; clay silt 27'.
Simcoe Town	"	"	Aug. 20, 1963	26	200	14	1	Fresh	T	Topsoil 2'; silt sand gravel 11'; coarse sand 26'; medium coarse sand 32'. Water from 2 to 32.
Simcoe Town	"	"	Sep. 19, 1963	26	200	17	2	"	T	Topsoil 1'; silt gravel 3'; coarse sand gravel 15'; medium coarse sand 24'; medium fine sand 33'; clay.
Simcoe Town	"	"	Sep. 30, 1963	26	200	16	2	"	T	Fill 2'; topsoil 1'; silt 4'; coarse sand gravel clay 6'; coarse sand gravel 30'; clay sand 31'. Water from 4 to 31'.
South Walsingham Twp										
Con B	A. Lucas	C.H. Kent	Jul. 21, 1963	5					N	Brown clay 10'; blue clay 328'.
Con B	Long Point	R. Hodgson	Apr. 15, 1963	5						Fill 6'; swamp sand 11'; clay 49'. Dry hole.
Con B	Marina	"	Apr. 4, 1963							Red clay 49'. Dry hole.
Con B	Smith Bros.	"	Apr. 18, 1963	5	1 1/2		5	Fresh	C	Fine sand 20'. Water at 6'.
Con I	C.M. Food Bar	L. Hodgson & Son	Sep. 22, 1960	5		140	25	Sulphur	D	Dug well 10'; clay 90'; soupy clay 105'; sand clay 109'; sort clay 189'; clay 296'; limestone 320'. Water at 302'.
Con II	Conservation	R. Hodgson								Topsoil 1'; yellow sand 4'; blue quicksand 14'. Water at 4'.
Con III	Auth. Mill	J.A. Weaver & Son	Apr. 7, 1960	1	8		4	Fresh	Ir	Old dug well 10'; putty sand 16'; sand 26'. Water at 16'.
Con IV	A. Spanies	Byrrell Evanski	Mar. 30, 1961	1	5		16	"	Ir	Yellow sand 20'; grey putty sand 40'; fine sand 45'. Water from 40 to 45'.
Con IV	D. Weitz	G. Warren	Dec. 12, 1962	5	3	38	18	"	D	Topsoil 2'; brown sand 18'; fine grey sand 33'. Water from 18 to 33'.

Con V	lot 15	A. Lengyel	L.Hodgson & Sons	Apr.20,1963	1	7	10	Fresh	Ir	Pine sand 10;coarse sand 25. Water at 10.
Con V	" 16	E. Preszler	R. McKenzie	Mar.22,1963	8	6	12	"	Ir	Fill 4;yellow sand 9;brown sand 23. Water at 12.
Con VI	" 9	L. Fulop	C. Norman	May 25,1960	9	5	4	"	Ir	Fill 4;yellow sand 12. Water at 4.
Con VI	" 11	J. Nagy	J.H.Weaver &Son	Apr. 5,1963	1	8	10	"	Ir	Topsoil 1;yellow sand 3;white sand 10;sand 16. Water at 10.
Con VI	" 16	L.Erie Tobacco Co.,	L.Hodgson & Sons	Oct.15,1960	2	10	8	"	Ir	Sandy loam 8;coarse sand 26;clay. Water at 8.
Townsend Twp.										
Con I	lot 4	B. Logan	G.A.Dennis &Sons	May 20,1960	5	5	26	Fresh	D	Sand gravel 59;limestone 73;blue shale 75;limestone 77. Water at 74.
Con I	" 5	T. Arthur	W. Packham	Apr. 2,1962	6	8	60	"	D	Old well 30;blue clay 75;fine sand 95;blue clay 110;limestone 120. Water at 115.
Con I	" 6	W. Zozwiok	H. Wood	Apr.20,1961	6 1/2	12	30	"	D,S	Clay stones 30;sand 62;clay gravel 55;quick sand 99;blue clay stones 10;hard granite 120;silt rock 130. Water at 159.
Con I	" 6	T. Strunburger	W. Packham	May 16,1962	6	15	42	"	D,S	Old well 5;blue clay 110;gravel 115. Water at 113.
Con I	" 19	D. Kosar	E. Stewart	Aug.28,1963	5	10	28	"	D	Yellow clay 70;blue silt clay 85;blue clay gravel 95;hard blue clay 115;brown limestone 112;brown limestone gypsum 115. Water at 115.
Con I	" 19	J. Dewault	"	Sep. 5,1963	5	10	65	Mineral	D	Yellow clay 5;blue clay 109;hard blue clay 115;brown limestone 121. Water at 121.
Con II	" 3	R. Ludlow	W. Packham	Sep.24,1963	6	30	13	Fresh	D	Sandy loam 5;gravel sand 40;fine muddy sand 85;sand gravel 90;gravel 91. Water at 91.
Con II	" 7	O. Woodard	G.A.Dennis &Sons	May 13,1960	6 1/2	5	14	"	D	Sand gravel 40;clay 73;limestone 84. Water at 75.
Con II	" 7	G. Cole	S. Linton	Dec. 9,1961	1	25	9	"	D	Sand stones 4;clay stones 9;gravel 113;sand 14;clay. Water at 9.
Con II	" 7	R. Carpenter	C. Strone	Oct.21,1963	5	8	14	"	D	Gravel clay 8;coarse gravel 14;coarse sand 18;medium sand 32. Water at 32.
Con II	" 14	C. Slaght	"	Nov.23,1963	5	6	18	"	D	Water at 32.
Con II	" 19	A. Carewsky	E. Stewart	Sep.20,1962	5	10	40	"	D,S	Water 10;3;putty sand 40;blue clay 58;coarse gravel 59.
Con III	" 4	Radwanji Bros	H. Wood	Oct. 8,1963	4	8	23	"	D,S	Yellow sand 8;6;blue sand 14;quick sand 50;putty sand 60;clay 130;clay stones 148;silt rock 150. Water at 30.
Con III	" 6	United Church	G. Warren	Nov. 2,1961	5	2	32	"	P	Old well 11;sand gravel 20;white sand 29. Water from 29 to 32.
Con III	" 7	G. Vivian	W. Packham	Nov.26,1962	6	24	30	"	S	Stony clay 38;sand stone 45. Water at 42.
Con III	" 7	S. Cebulak	E. Stewart	Jul.26,1963	5	10	38	"	S	Sand loam 30;clay gravel 65;quick sand 81;hard brown limestone 112. Water at 112.
Con III	" 7	J. Wernysky	R.W. Swayze	Oct.31,1963	6	20	27	"	D,S	Clay stones 40;quick sand 48;blue clay gravel stones 60;flint 85;gray limestone 100. Water at 97.
Con III	" 8	S. Cebulak	G. Warren	Aug. 3,1961	5	5	30	"	Ir	Loam 5;clay gravel 25;gray clay stones 40;fine sand 42;clay stones 68;gray gravel 72. Water from 68 to 72.
Con III	" 11	E.T. Anderson	W. Packham	Mar.28,1962	6	24	35	"	S	Brown clay 30;silty clay gravel 40;blue clay 46;limestone 60. Water at 55.
Con III	" 12	C.C. Slaght	R. Swayze	Dec. 3,1963	6	30	5	"	S	Clay 50;sandy clay 85;limestone 90. Water at 87.
Con III	" 13	K. Gidona	"	Nov.24,1961	6	10	50	"	D	Grey clay 50;brown limestone 57. Water at 55.
Con III	" 13	L. Almond	"	Aug.31,1962	6	20	12	"	D	Grey clay 20;gray clay sand stones gravel 41. Water at 41.
Con III	" 13	R. McBride	E. Stewart	Aug.12,1963	5	70	6	"	D	Loam 8;blue clay gravel 25;blue clay 31;brown limestone 40;brown limestone shale 53. Water at 53.
Con III	" 14	M. Kobylanski	R. Swayze	Nov.20,1963	6	5	30	"	D,S	Old well 11;gray limestone 35. Water at 30.
Con III	" 16	C. Duetriuc	"	Oct. 5,1960	6	25	8	"	S	Clay 40;gravel 52. Water at 44.
Con III	" 20	A. Evans	"	Jun.19,1962	6	15	53	"	D	Grey clay 92;shale limestone 92. Water at 95.
Con III	" 24	Baptist	"	May 21,1960	6	30	20	"	D	Clay 89;limestone 95. Water at 82.
Con III	" 24	Farnsorge	"		6	30	10	"	D	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont. Townsend Twp. -cont.										
Con IV lot 4	A. Guch	R. McKenzie	Oct. 8, 1962	2	4		32	Fresh	D, S	Old well 30; grey fine sand 35; fine brown sand 46. Water at 35.
Con IV " 5	F. Zawada	H. Wood	Apr. 10, 1962	5	12	22	21	"	D, S	Yellow sand 8; fine sand 26; quicksand sand 56; putty sand 106; blue clay 156; hardpan 160; dark rock 162. Water at 162.
Con IV " 7	J. Irwin	W. Packham	Dec. 8, 1962	6	24	40	25	"	D	Old well 20; sand 30; sand gravel 65; sand stone 67. Water at 65.
Con IV " 8	J. Bakker	C. Strome	Aug. 6, 1960	4	50	13	6	"	D	Hard soil; putty sand 24; blue clay 51; clay stone 70; clear gravel 72; bedrock. Water at 70.
Con IV " 9	M. Peart	"	May 14, 1960	1	6		3	"	D	Red hard soil 8; putty sand 29; fine sand 30; coarse sand 36; clay. Water at 29.
Con IV " 11	D. Thomas	R. Swayze	Oct. 4, 1961	6	20	25	22	"	D	Brown clay stones 57; brown limestone 63. Water at 61.
Con IV " 12	E. Bunt	"	Sep. 27, 1960	6	20	25	22	"	D	Grey clay 36; flint 44. Water at 41.
Con IV " 12	F. Sloat	"	Oct. 6, 1961	6	25	15	15	"	D	Clay stones 31; limestone 36. Water at 33.
Con IV " 12	M. Burke-Estate	E. Stewart	Nov. 23, 1961	5	10	35	14	"	D	Brown clay 33; brown limestone 38. Water at 38.
Con IV " 13	Baptist Church	R. Swayze	Jan. 8, 1960	6	2	10	10	"	D	Clay 20; gravel clay 30; brown limestone 35. Water at 32.
Con IV " 14	T. Gilles	"	Aug. 6, 1960	6	20	11	11	"	"	Clay 13; grey limestone 28. Water at 25.
Con IV " 18	D. Anderson	E. Stewart	Jun. 1, 1962	5	10	100	8	"	D, S	Blue clay 60; soft blue clay 103; grey limestone 135; grey limestone gypsum. Water at 135 and 160.
Con IV " 18	"	"	Jun. 12, 1962	5	10	90	15	"	D, S	Blue clay 103; gravel 108. Water at 105.
Con IV " 22	E. Kalls	"	Jun. 20, 1962	5	125			"	D, S	Clay boulders 96; brown limestone 165. Water at 125 and 155.
Con IV " 22	"	"	Jun. 23, 1962	5	10	20	14	Sulphur	D, S	Clay boulders 96; gravel 98. Water from 96 to 98.
Con V " 4	L. Demanski	R. McKenzie	Oct. 11, 1962	4	6	35	35	Fresh	Ir	Old well 24; gravel 30; grey clay 40; brown sand 57. Water at 40.
Con V " 5	M. Bozek	R. Hodgson	Mar. 26, 1963	5	6	28	27	"	D, S	Yellow sand 1; sand 10; sand boulders 26; clay sand 33; brown sand 41. Water from 33 to 41.
Con V " 6	J. Biro	R. Swayze	Jul. 25, 1962	6	10	40	28	"	D, S	Fine sand 38; sand gravel 45. Water from 40 to 45.
Con V " 7	C. Verini	R. McKenzie	Sep. 9, 1962	1	10	23	23	"	D, C	Old well 6; brown sand 20; brown clay 23; gravel 32. Water at 23.
Con V " 7	V. Pajor	E. Stewart	Nov. 9, 1962	5	10	45	45	"	D, C	Sandy loam 33; quicksand 110; clay 118; brown limestone 120. Water at 120.
Con V " 13	B.T. Oregus	R. Swayze	Oct. 1, 1960	6	20	14	14	"	D	Silty clay 37; flint 53. Water at 50.
Con V " 13	M. Bunt	"	Mar. 13, 1961	6	1	55	16	"	D	Clay 39; limestone 60. Water at 55.
Con V " 13	A. Bernyck	"	Jun. 9, 1961	6	20	15	10	"	D	Clay boulders 37; flint 45. Water at 42.
Con V " 13	Z. Zakamoro	"	Sep. 12, 1962	6	25	15	14	"	D	Old well rock 36; flint limestone 48. Water at 45.
Con V " 13	M. Glyrew	R. Johnson	Oct. 12, 1963	36	5	11	9	"	D	Black loam 2; brown sand clay 9; brown medium coarse sand 12; grey fine sand 17; silt clay layers 20. Water at 9.
Con V " 13	P. Mulyk	E. Stewart	Nov. 30, 1963	5	5	18	16	"	D	Grey 38; brown limestone 44. Water at 44.
Con V " 16	S. Huba	"	Sep. 20, 1960	7	15	60	12	"	D, S	Overburden clay 32; brown limestone 65; brown limestone shale 145. Water at 105 and 144.
Con V " 16	"	"	Jun. 7, 1962	6	15		Flows	"	S	Drilled well 62; limestone 68. Water at 66.
Con V " 18	J. Soban	R. Swayze	Nov. 20, 1963	6	5	60	16	Sulphur	S	Clay 59; limestone 90. Water at 87.
Con V " 18	L. Steadnik	"	Nov. 11, 1960	6	20	25	19	"	S	Grey flint 12; grey limestone 50. Water at 45.
Con V " 22	M. Kozilek	E. Stewart	Dec. 11, 1963	5	30	18	18	Fresh	S	Decayed well brown limestone 73. Water at 73.
Con V " 22	D. Shved	"	"	"	"	"	"	"	"	"
Con VI " 9	A. Gamble	R. Swayze	Jan. 10, 1963	6	25	45	33	"	D, S	Gravel 30; yellow sand 60; grey sand 90; grey clay sand 100; flint 118; grey limestone 130; brown limestone 152. Water at 107 and 148.
Con VI " 13	A. Boudreault	"	Aug. 23, 1960	6	15	50	12	"	D	Sandy clay 56; flint 65. Water at 63.
Con VI " 17	J. Shebatura	E. Stewart	Aug. 12, 1960	7	6	25	Flows	"	Ir	Clay 20; brown limestone 60; brown limestone shale 120; brown limestone 130; shale gypsum 155; brown limestone shale 195. Water at 119 and 165.
Con VI " 17	"	"	Sep. 12, 1960	7	100	18	15	"	D, S	Sand loam gravel 39; brown limestone 60; brwn limestone shale 120. Water at 95.
Con VI " 17	W. Moore	R. Swayze	Sep. 25, 1963	6	8	65	11 1/2	"	D, S	Grey clay 30; sand gravel clay 48; flint 60; grey limestone 78. Water at 75.
Con VI " 18	"	"	Jan. 1, 1960	7	100	190	10	"	Ir	Clay 24; brown limestone 90; brown limestone shale 130; shale 130.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont. Townsend Twp. lot 8	S. Zlatoff	R. Hodgson	Sep. 7, 1960	5	5	35	35	Fresh	D	Topsoil 2; gravel 7; coarse sand gravel 20; sand 44. Water from 40 to 44.
Con IX	"	R. Swayze	Feb. 8, 1961	6	15	30	27	"	D	Clay loam 20; sand 40. Water from 35 to 40.
Con IX	"	T. Dussling	May 9, 1961	6	30	30	23	"	D	Brown clay 12; flint 58; white sandstone 64; grey shale 66; flint 67. Water at 50 and 65.
Con IX	"	R. Swayze	Sep. 23, 1960	6	15	40	24	"	S	Grey clay 25; flint rock 49. Water at 46.
Con IX	"	J. Hawk	Nov. 14, 1960	6	20	45	40	"	D	Old well 38; flint 57; limestone 110. Water at 107.
Con X	"	A. Cloet	Jul. 27, 1962	5	50	30	28	"	D, S	Sand 40; fine gravel 45; sand 136; clay stone 139; limestone 141. Water at 141
Con X	"	W. Burwell	Jul. 22, 1960	2	4	25	25	"	D	Silty sand 30; fine sand 40. Water at 30.
Con X	"	W.A. Belore	May 17, 1962	4	6 1/2	17	17	"	D	Old well 6; grey coarse sand 37. Water at 18.
Con X	"	H. Wood	Oct. 10, 1963	4	8	19	19	Sulphur	S	Sand 5; clay 57; rock 60. Water at 60.
Con X	"	R. Swayze	Aug. 13, 1962	6	1	70	37	"	D	Clay 35; flint 70. Water at 60.
Con X	"	E. Laub	Nov. 22, 1960	6	15	40	30	Fresh	S	Grey clay 28; flint rock 63. Water at 60.
Con XI	"	E. Stewart	Jul. 19, 1961	8	340	130	38	Sulphur	Ir	Loam sand 10; loam sand gravel 45; clay 138; brown limestone 184; brown limestone shale 274; shale Gypsum 300. Water at 163 and 200.
Con XI	"	S. Linton	Dec. 23, 1963	1	10	25	25	Fresh	D	Open pit 5; sand 7; old well 26; fine sand 32. Water at 25.
Con XI	"	R. Hodgson	Jul. 3, 1960	5	5	50	30	"	D	Old well 30; fine sand 35; clay sand 60; soupy clay 110; clay 119; soupy sand 135; clay 152; gravel 154. Water at 153.
Con XI	"	R. VanKessel	Oct. 12, 1960	1	3	21	21	"	D	Sand 5; hard clay 10; coarse gravel 15; fine sand 20; gravel 21; coarse sand 25. Water at 21.
Con XI	"	"	Nov. 11, 1960	1	5	21	21	"	D	Sand 3; hard clay 10; coarse sand 15; gravel 20; medium sand 25. Water at 21.
Con XI	"	T. VanKessel	May 29, 1961	2	5	32	32	"	D	Old dug well 16; fine sand 32. Water at 32.
Con XI	"	G. Warren	Oct. 26, 1961	5	5	55	44	"	P	Open hole 3; sand pebbles 50; fine sand 68. Water from 50 to 68.
Con XI	"	R. Hodgson	Aug. 7, 1962	5	5	34	30	"	D	Topsoil 2; yellow sand 12; clay 19; gravel clay 34; sand 43. Water from 34 to 43.
Con XI	"	K. Knebel	Aug. 8, 1962	5	5	34	29	"	D	Topsoil 2; yellow sand 18; gravel 33; sand 42. Water from 33 to 42.
Con XI	"	R. Swayze	Sep. 19, 1960	6	20	50	27	"	D	Grey clay 58; sand 61; flint rock 70. Water at 67.
Con XI	"	R. Tate	May 25, 1963	6	20	30	10	"	S	Yellow clay 10; blue clay 55; flint 75. Water at 71.
Con XI	"	M. Hall	Mar. 30, 1960	7	20	50	Flows	"	D, S	Clay 49; brown limestone 90. Water at 75 and 90.
Con XI	"	J. Bernard	Sep. 19, 1963	6	6	90	26	Sulphur	S	Yellow clay 34; flint 105. Water at 102.
Con XII	"	E. Stewart	Apr. 8, 1961	7	2	8	8	Fresh	D, S	Sand loam mixture 15; fine sand 30; coarse sand 53. Water at 50.
Con XII	"	T. VanKessel	Sep. 13, 1961	1	30	10	10	"	D	Sand 5; brown clay 15; blue clay 30; fine sand 34; coarse sand 42. Water at 34.
Con XII	"	R. Swayze	Dec. 16, 1963	6	8	57	39	"	D	Sandy loam 20; sandy clay 58; sand gravel 65. Water from 60 to 65.
Con XII	"	E. Stewart	May 15, 1961	7	140	290	50	"	Ir	Previously drilled 200; brown limestone 250; brown limestone shale 290; brown limestone 365; brown limestone shale Gypsum 385; brown limestone 395. Water at 140 and 335.
Con XII	"	R. Hodgson	Apr. 5, 1961	5	5	53	35	"	D, S	Sand 2; gravel 20; silty clay 145; blue clay 154; sand 155. Water at 154.
Con XII	"	"	May 15, 1961	8	50	300	74	"	N	Topsoil 2; yellow sand 15; grey sand 18; silty clay 145; white limestone 180; flint rock 280; brown limestone shale 500. Water from 15 to 18 and at 280.
Con XII	"	S. Linton	Mar. 25, 1963	1	35	16	16	"	D, Ir	Open pit 184; coarse sand fine gravel 24; fine sand. Water at 184.

lot	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	122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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY -cont. Windham Twp. -cont.										
Con III	D. Szabo	Warren Water Wells	Jun. 6, 1963	5	10	30	15	Fresh	D	Yellow clay 10; sand 50; sand clay 58. Water from 50 to 58.
Con IV	G. Coppens	H. Wood	Mar. 25, 1963	5	12	38	35	"	D, S	Old dug well 40; clay 34; coarse sand 28; quicksand 123; putty sand 146; clay boulders 149; hardpan 152; grey rock 155. Water at 152.
Con IV	A. Lundy	"	Apr. 4, 1962	5	12	24	24	"	D	Yellow sand 5; fine sand 20; quicksand 50; putty sand 110; blue clay 150; hardpan stone 139; grey rock 140. Water at 139.
Con IV	J. Tarcea	J. H. Weaver & Son	Apr. 10, 1962	1	8		20	"	D, Ir	Old well 24; brown sand 40. Water at 20.
Con IV	S. McCoy	H. Wood	Mar. 18, 1963	5	12	36	35	"	D	Yellow sand 40; clay 5; coarse sand 60; quicksand 75; putty sand 187; hardpan 149; grey rock 150. Water at 150.
Con IV	H. A. Brown	S. Linton	Jun. 12, 1962	1	10		24	"	D	Old well pit 5; clay 7; fine sand 51; coarse sand 40. Water at 31.
Con IV	P. McNamara	G. Warren	Oct. 21, 1960	5	5	38	30	"	D	Old well 30; red sand 33; putty sand 65; sand 70. Water from 65 to 70.
Con IV	A. L. Moore	"	Aug. 23, 1962	5	6	30	19	"	D, S	Yellow sand 18; clay stones 30; white sand 33; grey clay stones 50; yellow sand 65; sand 72. Water from 65 to 72.
Con IV	D. Vandevyvere	"	Jul. 10, 1962	5	5	65	20	"	D	Yellow sand 1; grey clay boulders 42; sand 56; fine sand 65. Water from 60 to 65.
Con IV	A. Lee	H. Wood	Sep. 21, 1962	5	12	32	32	"	D, S	Old dug well 20; grey clay 60; fine sand 68; quicksand 108; putty sand 121; hardpan 129; grey rock, Water at 128.
Con V	R. Heimbuch	E. Stewart	Feb. 3, 1960	6 1/2	30	16	16	Sulphur	Ir	Sand loam hard heads 50; blue clay hard heads 100; quicksand 149; hard clay 153; hard brown limestone 225; brown limestone shale 300; shale gypsum 325. Water at 160, 215 and 322.
Con V	J. Schneider	R. Hodgson	Feb. 26, 1963	5	5	30	27	Fresh	D	Boulders sand 8; sandy gravel 10; sand 23; sand clay 43; sand gravel 47. Water from 44 to 47.
Con V	A. Dayne	H. Wood	Jun. 19, 1961	5				"	D, S	Yellow sand 30; sand 38; gravel 40; clay loam 120. Water at 120.
Con V	G. Lee	G. Warren	Oct. 13, 1961	5	7	24	10	"	D, S	Send 8; stones boulders 11; clay stones 32; sand 45. Water from 32 to 45.
Con VI	R. Vervaeke	H. Wood	Mar. 20, 1962	5	12	21	20	Sulphur	D, S	Yellow sand 5; sand 25; quicksand 40; grey clay 101; grey rock 120. Water at 120.
Con VII	J. McVicar	E. Stewart	Jul. 6, 1960	7	6	15	10	"	Ir	Sandy loam 70; blue clay 85; quicksand 125; clay gravel 140; quicksand 152; brown limestone 285; brown limestone shale 330; shale gypsum 350. Water at 185 and 350.
Con VII	W. Heyens	R. Hodgins	Mar. 17, 1961	5	4	29	26	Fresh	Ir	Topsoil 2; coarse sand 15; yellow sand 22; clay sand 30; sand 35. Water from 30 to 35.
Con VIII	Windham Twp.	G. Warren	Aug. 16, 1960	5	10	20	10	"	P	Yellow sand 10; sand stones 14; yellow sand 30; sand 40. Water from 30 to 40.
Con VIII	J. Smart	S. Linton	May 18, 1962	1	15		7	"	D	Old well pit sand 4; fine sand 18. Water at 7.
Con VIII	J. Tarcea	H. Wood	Apr. 6, 1963	5	12	35	32	"	Ir	Clay stone 50; white sand 90; quicksand 110; putty sand 136; hardpan 138; gravel 141; clay stone 143; grey rock 152. Water at 152.
Con VIII	J. Wray	W. Burwell	Nov. 3, 1960	2	3		20	"	D	Sand 5; clay 17; brown sand 29; sand 44. Water at 29.
Con IX	S. Wormel	E. Stewart	Oct. 14, 1960	7	10	70	7	Sulphur	D	Sand loam 6; blue clay 45; quicksand 75; blue clay 125; clay gravel 145; hard clay 149; brown limestone 154. Water at 150.
Con IX	W. Wilson	"	Dec. 5, 1963	5	30	32	32	Fresh	S	Sand loam 6; blue clay 55; quicksand 75; blue clay 130; clay gravel 140; hard clay 154; gravel 158. Water at 154.
Con IX	J. Igler	Burwell & Evanitski	May 30, 1961	1	30		12	"	D	Sand 30. Water at 25.
Con X	Y. Chesni	R. Hodgson	Jul. 10, 1962	2	30		15	"	Ir	Clay 3; clay sand 22; sand 30. Water from 22 to 30.
Con X	Z. Krupicz	"	Mar. 23, 1960	5	3	54	40	"	D, S	Topsoil 2; gravel 4; clay 24; fine sand 50; sand 60. Water from 50 to 60.
Con X	G. Van Oranen-	G. Warren	Jan. 19, 1960	5	7	125	87	"	D, S	Sand 60; putty sand 170; blue clay 180; shelly rock 185. Water at 185.

Con	Lot	J. Downing & Son	D. Thompson	Oct. 31, 1962	4	25	22	17	Fresh	D	Light sand 3; fine gray sand 22; coarse brown sand 27. Water from 22 to 27.
Con XI	" 6	J. Gendry	T. VanKessel	Sep. 25, 1962	1	30	18	1 ^a	"	D	Fine sand 15; blue clay 20; coarse sand 24. Water at 18.
Con XI	" 19	F. Spohn Jr.	L. Hodgson & Sons	Jul. 30, 1963	2		4	4	"	T	Fine sand 4; coarse sand 7; gray clay 7; coarse sand 14; gray clay 15; fine sand 20; stones 21; fine sand 37. Water at 4, 7, 15, and 20 ^a .
Con XI	" 21	E. Clark	G. Warren	Mar. 27, 1962	5	6	35	22	"	D, S	Yellow sand 3; pit gravel 35; yellow sand 42; sand 49. Water from 42 to 49.
Con XI	" 23	J. Lee	J. H. Weaver & Son	Mar. 26, 1960	1	8		32	"	D	Open pit 10; white sand 32; coarse sand 35. Water at 32.
Con XI	" 23	D. W. Tinnett	G. Warren	Oct. 17, 1961	5	15	43	25	"	D, S	Yellow sand 10; dirty gravel 30; putty sand 50; soft gray clay 90; gray clay stones 109; rock 111. Water from 109 to 111.
Con XI	" 24	H. Crosier	Cole Water Wells	Oct. 12, 1963	5	7	55	40	Sulphur	Ir	Tonsoll 2; brown clay 14; blue clay 20; coarse sand 26. Water at 20.
Con XII	" 1	M. W. Weber	T. VanKessel	Nov. 27, 1963	1	35	15	15	Fresh	D, S	Tonsoll 2; brown clay 14; blue clay 20; coarse sand 25. Water at 15.
Con XII	" 1	"	"	Nov. 27, 1963	1	25	15	15	"	D, S	Tonsoll 2; brown clay 14; blue clay 20; coarse sand 25. Water at 15.
Con XII	" 5	G. Skuponek	"	Mar. 31, 1960	1	4		30	"	D	Tonsoll 5; hard brown clay 25; blue clay 50; medium sand 61. Water at 56.
Con XII	" 9	R. Cornell	R. McKenzie	Jan. 19, 1962	1	5		12	"	D	Brown sand 20. Water at 12.
Con XII	" 9	H. Dunkin	R. Hodgson	Sep. 15, 1962	5		27	15	"	D	Tonsoll 1; sand stones 1; clay sand 30; sand gravel 37. Water from 30 to 37.
Con XII	" 20	J. Mandryk	G. Warren	Apr. 8, 1960	5	3	44	2	"	D, S	Loose gravel 20; clay 42; sand 55. Water from 42 to 55.
Con XII	" 22	F. Langer	"	May 26, 1961	5	3	35	25	"	D	Yellow sand 3; gravel 11; yellow sand 34; sand 52. Water from 34 to 52.
Con XII	" 22	M. Thyssen	Burwell & Evans	May 31, 1961	4	8	30	28	"	D	Stones 10; sand 40; sand 55. Water at 40.
Con XII	" 22	J. VanDeVelde	G. Warren	Jun. 8, 1962	5	40	22	15	"	Ir	Yellow sand stones 20; sand 35. Water from 29 to 35.
Con XII	" 1	Sincoe	Interregional Water Supply Ltd.	Oct. 15, 1960	5				"	D	Tonsoll 1; brown clay sand 9; dirty sand gravel 26; sand small gravel 31; clay gravel 34; clay 50; silty clay 85; clay 91.
Con XIII	" 1	L. S. Oliver	T. VanKessel	May 11, 1961	2	6		24	"	6-60	Sand 5; clay 20; fine sand 24; coarse sand 30. Water at 24.
Con XIII	" 1	J. Ourevill	"	Oct. 22, 1962	1	5		12	"	D	Medium sand 16; coarse sand 19. Water at 12.
Con XIII	" 12	W. Trembley	S. Linton	Apr. 20, 1963	1	4		4	"	D	Yellow sand 4; medium sand 25 ^a . Water at 4.
Con XIII	" 13	Niko School	G. Warren	May 29, 1961	5	30	15	5	"	F	Yellow sand 38; sand 47. Water from 30 to 47.
Con XIII	" 13	G. Newn	J. H. Weaver & Son	Jul. 2, 1962	1	8		12	"	D	Tonsoll 1; yellow sand 12; brown quicksand 24. Water at 12.
Con XIII	" 13	A. Reynaert	"	Nov. 25, 1962	1	8		4	"	D	Tonsoll 1; yellow sand 4; gray sand 16. Water at 4.
Con XIII	" 21	J. Jasko	C. Strome	Oct. 6, 1963	2	1	44	39	"	D	Tonsoll 1; brown sand 3; hardpan 4; blue sand 11. Water at 18.
Con XIII	" 23	L. Semen	G. Warren	Oct. 29, 1960	5	10	14	10	"	D	Gravel stone 11; fine gravel 20; clay 23; coarse gravel 34; fine gravel 50. Water at 50.
Con XIII	" 23	A. Lamens	"	Dec. 29, 1962	5	3	65	19	"	D, S	Fill 6; dirty gravel 25; sand 33. Water from 25 to 33.
Con XIII	" 24	M. Pasichnyk	"	Mar. 4, 1960	5	38		28	"	D	Yellow sand 37; white sand 46; fine dirty sand 72. Water from 60 to 72.
Con XIII	" 24	O. Plenske	W. Burwell	Jul. 15, 1960	2	5		20	"	D	Yellow sand 42; gray clay 20; sand gravel 45; sand 51. Water from 45 to 51.
Con XIII	" 24	E. Voigt	"	Oct. 1, 1960	2	4		18	"	D	Sand 4; clay 20; sand 41. Water from 20 to 41.
Con XIII	" 24	B. Voigt	Burwell & Evans	Oct. 1, 1960	2	5		0	"	D	Sand 10; blue clay 25; sand 43. Water at 30.
Con XIII	" 24	J. DeBruysscher	G. Warren	Feb. 2, 1962	5	7	35	28	"	D, In	Sand 10; clay 35; gravel 44. Water at 35.
Con XIII	" 24	G. Wray	B. Hodgson	May 2, 1962	5	8	18	26	"	F	Yellow sand 40; sand 53. Water from 40 to 53.
Con XIII	" 24	J. M. Broomfield	L. Hodgson & Son	Jul. 15, 1962	1	6		22	"	D	Tonsoll 1; sand 15; sand gravel 24; clay 35; clay gravel 43; gravel 48. Water from 43 to 48.
Con XIII	" 24	E. G. Verhaeghe	W. A. Belore	Oct. 29, 1962	1	8		30	"	D	Coarse gravel, sand 9; gray clay 22; fine sand 26; hardpan 26 ^a ; coarse sand 47. Water at 43.
Con XIII	" 24	Martin Refrigeration	T. VanKessel	Nov. 14, 1962	2	8		37	"	D	Red sand 6; stony clay 20; gravel 29; fine gravel 47. Water at 40.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY - cont. Windham Twp. -cont. lot 24	G. Wray	W. Burwell	Nov. 19, 1962	4	7	20	15	Fresh	D	Pine sand 3; fine gravel 25; boulders 29; coarse sand 53. Water at 46.
Con XIII	Dr. J. Kniff	R. Hodgson	Aug. 23, 1963	5	7	35	33	"	D	Tossol 2; boulders clay 23; gravel 44; coarse sand 53. Water from 44 to 53.
Con XIII	M. VanLeuven- Hage	"	Nov. 18, 1963	4	6	34	33	"	D	Tossol 2; yellow sand 12; sand gravel 25; boulders harden 30; gravel 36; coarse sand 46. Water from 36 to 46.
Con XIII	H. DeKasle	"	Nov. 20, 1963	4	6	33	32	"	D	Tossol 1; yellow sand 11; gravel 24; gravel harden 30; sand 35; coarse sand gravel 45. Water from 35 to 45.
Con XIV	M.A. Collins	R. Swayze	Aug. 16, 1961	6	8	20	13	"	D	Sandy clay 30; sand 40. Water at 40.
Con XIV	P. Leidl	T. Vankessel	Sep. 20, 1962	2	5	15	18	"	T	Pine sand 26; water at 18.
Con XIV	Simcoe	International Water Supply Ltd	Oct. 12, 1960	5				"	4-60	Tossol 1; brown dirty sand 8; dirty silt sand 35; blue clay 55; soft silty clay 74; clay 92; hard clay 108; rock 135; silt 40;
Con XIV	"	"	Oct. 14, 1960	5				"	5-60	Tossol 2; gravel sand 4; blue clay 31; silty clay 35; silt 40; clay 41; silt clay 77; silt clay 74; clay 80; hard clay 117; clay gravel boulders 132; rock.
Con XIV	"	"	Oct. 27, 1960	5				"	9-60	Fill; black muck 9; sand gravel 11; soft clay 21; silt fine sand 26; soft silty clay 44; clay silt 77; hard clay 124; clay boulders 133; rock.
Con XIV	"	"	Nov. 1, 1960	5				"	10-60	Black muck brown clay sand streaks 15; blue clay 38; soft silty clay 50; silt 78; silt streaks clay 90; clay 138; rock.
Con XIV	Pinewood Motors	T. Vankessel	Feb. 26, 1961	2	7	15	25	Fresh	D, C	Sand 10; fine sand 15; medium sand 30. Water at 25.
Con XIV	R. Johnston	"	Sep. 20, 1961	1	5		15	"	D	Sand 10; fine sand 15; medium sand 30. Water at 15.
Con XIV	D. Brunton	S. Linton	Apr. 11, 1962	1	10		11	"	D	Open basement 3; sand 13; fine gravel 19. Water at 11.
Con XIV	R. Mueller	S. Linton	Jul. 11, 1962	1	6		8	"	D	Fine sand 3; coarse sand 22. Water at 18.
Con XIV	F.A. Brown	S. Linton	Mar. 30, 1962	1	6		14	"	D	Fine sand 4; clay 7; fine sand 31. Water at 24.
Con XIV	R. Bullock	R. Vankessel	Sep. 26, 1960	1	4		24	"	D, S	Sand 5; fine sand 15; coarse sand 25. Water at 19.
Con XIV	H. MacDonald	T. Vankessel	Aug. 15, 1961	2	29		15	"	In	Sand 15; fine sand 18; coarse sand 25. Water at 15.
Con XIV	A. Schaffer	R. Hodgson	Jun. 21, 1960	7	60		17	"	Ir	Tossol 2; yellow sand 6; clay sand 10; sand 20. Water from 10 to 20.
Con XIV	P. Agostan	C. Strome	May 25, 1963	1	2		8	"	D	Black sand 4; red sand 8; sand gravel 16. Water at 16.
Woodhouse Twp. lot 1	P. Nowak	R. Hodgson	Apr. 27, 1962	8	10	130	40	Sulphur	D, S	Sand 10; clay sand 18; soupy sand 35; dirty sand 45; soupy sand 170; limestone 180. Water at 180.
BF	Norfolk County Park	"	May 10, 1962	5	8	100	50	Fresh	P	Blue clay 35; soupy clay 130; sand. Water at 130.
BF	P. Nowak	T. Vankessel	Jun. 11, 1962	2	4	30	30	"	D	Coarse sand fine sand 30. Water at 30.
BF	B. Johnson	R. Hodgson	Sep. 7, 1962	5	6	70	62	"	D	Clay sand 5; clay 25; soupy sand 120; clay 149; limestone 151. Water at 150.
BF	A. Pruett	R. McKenzie	Jun. 6, 1961	1	3		7	"	D	Dark sand 2; clay 7; gravel 9; sandy clay 10; grey fine sand 21; clay 33. Water from 10 to 21.
BF	R. Greenfield	R. Hodgson	Jun. 8, 1962	5	6		Flows	Sulphur	D	Old well 4; blue clay 63; limestone 72. Water at 72.
BF	E. Bettrand	"	Sep. 24, 1960	5	5	10	35	Fresh	D	Old dug well 10; clay 50; soupy sand 121; grey sand 125. Water from 121 to 125.
BF	M. De Pew	T. Vankessel	Jun. 10, 1962	1	2	10	10	"	D	Tossol 3; fine sand 24. Water at 10.
BF	E. Chechak	R. Hodgson	Aug. 2, 1962	4	3		30	"	D	Sand 12; clay sand 90; clay 100; sand clay 125; clay 135; limestone 143. Water at 143.
BF	P. Whitehead	"	Aug. 15, 1963	4	3	75	50	"	D	Clay 46; soupy clay 91; clay 100; sand 101. Water at 101.
BF	L. Brown	R. McKenzie	Jun. 20, 1961	1	4		16	"	D	Sand 19; clay 20; sand 23; clay. Water at 20.
BF	Subdivision " Division	J.R. Nauman	Jul. 30, 1963	6	4			"	D	Brown sand clay 12; white clay 38; fine grey hard clay pebbles 109; brown lime cone 135. Dry hole.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY 1 cont. Woodhouse Twp. -cont. Con VI lot 13 Gore " 3	J. Bodner S. Wiselien	R. Swayze E. Stewart	Nov.20,1962 Jun. 3,1961	6 8	20 30	45 350	39 20	Sulphur "	S Ir	Brown clay 44;flint 73. Water at 70. Sandy loam 30;clay gravel 70;clay 166;brown limestone 216; brown limestone shale 371;brown limestone shale gypsum 355. Water at 180, 190, 285; and 352.
Gore " 5	A. Cook V.B. Mathews	R. Hodgson R. McKenzie	Jul.25,1963 Nov.23,1962	2 4	30 9	30 33	10 30	Fresh "	D D,Ir	Sand gravel 15;coarse sand 21. Water from 15 to 21. Old well 30;brown sand 33;brown clay 36;coarse brown silty sand 44;coarse brown sand 52. Water at 30 and 42.
Gore " 5	"	"	May 21,1963	4	9	33	31	"	Ir	Open well 7;grey clay 10;sand 36;grey clay 38;coarse brown sand 54. Water at 38.
Gore " 5	I. Powell	R. Hodgson	Jun. 6,1963	5	5	30	29	"	D	Tonsoll 21;loam 6;gravel 1 sand 28;silt sand 33;gravel 38;sand 45. Water from 38 to 45.
Gore " 6	J. Hardy	S. Linton	Jul.20,1960	1	9		32	"	D	House basement 5;sand 32;gravel 40. Water at 32.
Gore " 6	J. Earl	R. Hodgson	Aug.16,1963	4	6	31	30	"	D	Tonsoll 21;yellow sand 24;gravel 34;coarse sand 42. Water from 34 to 42.
Gore " 6	D. Sage	"	Nov.26,1963	4	6	34	33	"	D,C	Dug out 7;gravel sand 30;sand 38;coarse sand 46. Water from 38 to 46.
Gore " 10	H. Stewart	T. VanKessel	Nov. 1,1962	1	10		20	"	D	Hard brown clay 15;blue clay 16;gravel 22;coarse sand 30. Water at 23.
Gore " 10	G. Mottledshad	"	Jun.15,1963	1	4		31	"	D	Old well 6;brown clay 15;hardpan coarse sand 18;hardpan coarse sand 35. Water at 31.
Gore " 11	G. Perkins	R. Hodgson	Mar. 4,1961	5	5	45	45	"	D	Clay 10;soft clay 40;sand 48;coarse sand 57. Water from 48 to 57.
Gore " 11	W.A. Buck	L.Hodgson & Son	May 6, 1962	2	6	5	25	"	D	Red clay streaks slate 25;coarse sand 59. Water at 55.
Gore " 11	D. McKee	R. McKenzie	Jun.11,1962	4	5	54	43	"	D	Brown clay 38;grey muck clay 43;coarse sand stones 60. Water at 43.
Gore " 11	K. Dalby	"	Jul. 4,1962	4	5	32	32	"	D	Brown clay 38;coarse brown sand 48. Water at 38.
Gore " 11	W. Poiche	W. Burwell	May 11,1962	5	8	63	35	"	D	Red clay 25;blue clay 33;fine sand 63. Water from 33 1/2 to 63.
Gore " 11	M. Pond	T. VanKessel	Sep.27,1962	1	25	19	19	"	D	Tonsoll 4;hard brown clay 10;fine sand 15;coarse gravel 27. Water at 19.
Gore " 16	Simcoe P.U.C.	International Water Supply Ltd.	Aug.29,1962	12	3 1/2	15	1	"	T	Black muck 2;sand 33;blue clay 44.
Gore " 16	"	"	Sep. 4,1962	1			6	"	T	Dirty sand 3;sandy clay gravel 5;sand 38;blue clay 44.
Gore " 16	"	"	Sep. 5,1962	2			1	"	T	Black muck 2;sand 33;blue clay 34.
Gore " 16	"	"	Sep.11,1962	2			1	"	T	Tonsoll 1;clay dirty sand 4;sand 29 1/2;clay 32.
Gore " 16	"	"	Sep.12,1962	2			1	"	T	Tonsoll 2;dirty sand clay 5;sand gravel 15;coarse sand 19; clay 24.
Gore " 16	"	"	Sep.13,1962	2			1	"	T	Tonsoll 2;dirty sand clay 4;sand 18;clay 21.
Gore " 16	"	"	Sep.17,1962					"	T	Tonsoll 2;dirty sand clay 4;silty clay gravel 7;soft silty clay 102;sticky clay 11;clay gravel 11 1/4;rock 115.
Gore " 16	"	"	Sep.19,1962	2				"	T	Tonsoll 2;dirty sand 4;coarse sand 30;clay 33.
Gore " 16	"	"	Sep.20,1962	2			9 1/2	"	T	Gravel sand fill 1;dirty silty sand clay 5;sand silt gravel 11;fine coarse sand clay 25;clay 20.
Gore " 16	"	"	Sep.21,1962	2				"	T	Tonsoll 1;dirty sand 3;fine coarse sand clay 24;clay 27.
Gore " 16	"	"	Sep.25,1962					"	T	Sand gravel fill 1;black muck 3;dirty sand gravel 5;soft silty clay 51.

Woodhouse Twp. - cont.	Simcoe, F. U. C.	International Water Supply Ltd.	Aug. 24, 1962	2	9	Fresh	T	Black muck 2; sand gravel blue clay 5; sand 31; blue clay 44.
Gore	"	"	Aug. 27, 1962	2	10	"	1-62	Black muck 2; sand gravel blue clay 4; sand 31; blue clay 32; sand gravel 34; blue clay 44.
Gore	"	"	Oct. 1, 1962	2	4	"	2-62	Dirty sand clay 4; sand 25; sand gravel 26; silty sand clay 39.
Gore	"	"	Oct. 3, 1962	2	3	"	13-62	Dirty sand clay 4; sand gravel 7; sand 30; sand fine gravel 38; sand 43; silty clay 48.
Gore	"	"	Oct. 4, 1962	2	2	"	16-62	Topsoll 1; dirty sand clay 4; dirty sand clay gravel 6; sand 32; sand gravel 34; clay 37.
Gore	"	"	Oct. 10, 1962	2		"	17-62	Topsoll 1; dirty sand clay 5; sand gravel 24; sand 45; silty clay 48.
Gore	"	"	Oct. 12, 1962	4	67	"	18-62	Topsoll 1; dirty sand clay 4; sand gravel 34; silt 35; sand 42; clay 44.
Gore	"	"	Oct. 22, 1962	2	37	"	19-62	Sandy loam 1; dirty sand 3; sand gravel 47; silty clay 50.
Gore	"	"	Oct. 25, 1962	1	50	"	20-62	Sandy loam 1; dirty sand 2; clay 10; sand gravel boulder 70; sand gravel 76; fine sand clay 81.
Gore	J. McCabe	R. Hodgins	Nov. 28, 1963	4	54	"	21-62	Topsoll 1; yellow sand 10; clay sand 28; sand 54; fine sand 58; coarse sand 68. Water from 58 to 68.
Gore	J. Kichler	"	Dec. 16, 1960	8	3	Sulphur	D, S	Sand 3; yellow sand 15; sand 25; soupy sand 80; clay sand 110; sandy sand 175; clay sand 188; limestone 288; flint 388; limestone shale 460. Water at 270 and 460.
Gore	M. Wegner	S. Linton	Apr. 4, 1963	1	5	Fresh	D, C	Old well 30; fine sand 36 1/2. Water at 33.
Gore	E. Mann	T. Vankessel	Aug. 8, 1961	2	80	"	Ir	Sand 10; gravel 21. Water at 10.
Gore	W. Salsman	"	May 15, 1963	1	15	"	"	Sand 15; fine sand 20. Water at 18.
Gore	J. Luke	S. Linton	Nov. 7, 1961	6	10	"	"	Fine sand 21. Water at 5.
OXFORD COUNTY								
Beachville Vlg.	L. Oderico	K. McLeod & Sons	Feb. 22, 1960	4 1/2	5	Fresh	D	Gravel 8; limestone 24. Water from 20 to 24.
Beachville Vlg.	M. Holland	"	May 19, 1960	5	21	"	D	Gravel stones 10; red sand 20; hardpan 23; grey limestone 40. Water from 35 to 40.
Beachville Vlg.	J. Fairbanks	"	Jun. 2, 1960	5	27	"	D	Stones gravel 15; red sand 28; grey limestone 45. Water at 44.
Beachville Vlg.	S. Ellis	"	Jun. 9, 1960	4 1/2	5	"	D	Dirty gravel 10; sand 17; hardpan 21; grey limestone 50. Water at 49.
Beachville Vlg.	M. Todd	"	Aug. 8, 1960	4 1/2	5	"	D	Stones gravel 27; grey limestone 42. Water from 40 to 42.
Beachville Vlg.	J. Lepier	"	Sep. 17, 1960	4	125	"	D	Hard brown clay 40; hardpan stones 106; limestone 140. Water at 139.
Beachville Vlg.	Y. Wybenga	N. Steinman	Oct. 6, 1960	4	37	"	D	Old well 7; sand 20; rock slabs 24; grey limestone 42. Water at 40.
Beachville Vlg.	E. S. McDelland	K. McLeod & Sons	Oct. 20, 1960	5	36	"	D	Gravel 32; grey limestone 49. Water at 49.
Beachville Vlg.	W. Todd	"	Feb. 12, 1961	4 1/2	30	"	D	Gravel 27; grey limestone 47. Water at 45.
Beachville Vlg.	C. Ouchert	"	Apr. 26, 1961	4	30	"	D	Brown clay 10; gravel 32; limestone 50. Water at 50.
Beachville Vlg.	A. Gibson	"	May 28, 1961	5	28	"	D	Gravel 25; limestone 45. Water at 45.
Beachville Vlg.	J. Neilson	"	Jun. 28, 1961	4	20	"	D	Coarse gravel stones 35; hardpan 47; brown rock 62. Water at 62.
Beachville Vlg.	E. Nealin	"	Jul. 1, 1961	4	52	"	D	Gravel 14; hardpan 23; grey limestone 50. Water at 48.
Beachville Vlg.	O. Bott	J. P. Vos	Jul. 11, 1961	4	62	"	D	Clay sand 10; boulders clay sand 35; limestone 59; hard rock 68 1/2. Water at 59.
Beachville Vlg.	L. Muzzin	K. McLeod & Sons	Jul. 20, 1961	4	3	"	D	Gravel stones 20; hardpan stones 50; grey limestone 66. Water at 66.
Beachville Vlg.	J. Gasparatto	"	Aug. 2, 1961	4	38	"	D	Coarse gravel stones 14; hardpan 22; limestone 37; hard black rock 47. Water at 37.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- MING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Beachville Vlg. cont.										
Beachville Vlg.	B. Lowes	K. McLeod & Sons	Sep. 8, 1961	4	5	28	28	Fresh	D	Gravel 10; sand gravel 22; hardpan 29; grey limestone 34. Water at 34.
Beachville Vlg.	J. Moggath	"	Dec. 18, 1961	4	5	115	110	"	D	Brown clay stones 40; blue clay 80; hardpan stones 100; limestone 135. Water at 135.
Beachville Vlg.	F. Lowes	HadcoWell Digging	May 22, 1962	30	5	22	18	"	D, S	Topsoil 9; brown clay 4; coarse sand gravel 6; coarse sand 7; fine gravel 9; hardpan 10; coarse gravel rocks 20; hardpan 21; gravel 22. Water at 18.
Beachville Vlg.	B. Pearson	K. McLeod & Sons	Jul. 5, 1962	4	2	49	29	"	D	Sand gravel 15; hardpan 30; gravel 34; grey limestone 52. Water at 30, and from 45 to 52.
Beachville Vlg.	M. Zelindo	"	Jul. 10, 1962	4	4	30	30	"	D	Red sand 15; dirty gravel 24; limestone 42. Water at 42.
Beachville Vlg.	J. Daneluzzi	"	Jul. 20, 1962	5	5	38	29	"	D	Gravel stones 15; red sand 20; hardpan 24; grey limestone 42. Water at 42.
Beachville Vlg.	K. Mathers	Oxford Water Supply	Jul. 30, 1962	4	3 1/2	32	22	"	D, S	Clay gravel 37; sand 43; hardpan 46 1/2; grey limestone 50. Water at 40.
Beachville Vlg.	J. Crawford	K. McLeod & Sons	Jul. 31, 1962	4	5	46	39	"	D	Dirty gravel 15; red sand 24; hardpan 27; limestone 48. Water at 46.
Beachville Vlg.	E. Todd	"	Aug. 7, 1962	4	5	30	25	"	D	Dirty gravel 12; red sand 20; hardpan 30; limestone 38. Water at 38.
Beachville Vlg.	T. Gasparatto	"	Aug. 13, 1962	4	6	38	38	"	D	Gravel stones 20; white limestone 50. Water at 50.
Beachville Vlg.	J. Binn	Oxford Water Supply	Aug. 15, 1962	4	3 1/2	28	24	"	D	Clay boulders 29; sand gravel 34; grey limestone 42 1/2. Water from 38 to 42.
Beachville Vlg.	C. Mangneall	K. McLeod & Sons	Aug. 17, 1962	4	5	30	30	"	D	Gravel stones 30; limestone 40. Water at 40.
Beachville Vlg.	A. LaPointe	"	Aug. 18, 1962	4	5	38	36	"	D	Dirty gravel stones 20; hardpan 38; grey limestone 48. Water at 48.
Beachville Vlg.	L.H. O'Connor	"	Aug. 30, 1962	4	5	17	14	"	D	Dirty gravel 19; grey limestone 33. Water at 33.
Beachville Vlg.	C. Cowell	"	Sep. 12, 1962	4	5	44	41	"	D	Dirty gravel 20; hardpan 31; grey limestone 53. Water from 41 to 51.
Beachville Vlg.	J. Wybenga	National Pump & Water Supply	Nov. 10, 1962	4	5	57	40	"	D	Cement cistern 8; dry gravel 12; brown clay 27; limestone 61. Water at 40.
Beachville Vlg.	Domtar Chemicals Ltd.	E. Stewart	Mar. 4, 1963	5				"		Clay 13. Dry hole.
Beachville Vlg.	P. Spaledor	K. McLeod & Sons	Apr. 1, 1963	4	6	20	14	Fresh	D	Black dirt 4; red sand 16; limestone 31. Water at 31.
Beachville Vlg.	F. Carlin	"	Apr. 11, 1963	4	6	38	34	"	D	Black loam 5; sand gravel stones 28; limestone 45. Water at 45.
Beachville Vlg.	H. Frey	"	Jun. 3, 1963	4	6	10	7	"	D	Red sand 19; limestone 25. Water at 25.
Beachville Vlg.	Commodore Motel	National Pump & Water Supply	Jul. 8, 1963	4	10	25	19	"	D	Old well cement filled 20; grey stony clay 32; broken shale 37; grey limestone 44. Water at 44.
Blandford Twp. Con I lot 2	G. Kleinschroth	J. Stefan	Jun. 20, 1960	4	5	38	37	Fresh	D	Old dug well 33; soft clay 48; dirty fine sand 84; hard gravelly clay 112; dirty gravel 117; hard clay 119; grey limestone 120. Water at 120.
Con I "	R. Robinson	E. Stewart	Sep. 6, 1961	5	10	50	27	Sulphur	S	Sandy loam 5; black muck 25; blue clay gravel 85; quicksand 107; hard clay 113; grey white limestone 128; black hard Niagara 142. Water at 138.
Con I "	F. Sison	N. Steinman	Jul. 1, 1960	5	9	12	11	Fresh	D, S	Old dug well 11; brown clay 22; sand 25; gravel 27. Water from 25 to 27.
Con I "	K. McOnkie	A. McLeod & Sons	Aug. 26, 1961	4	5	60	60	"	D	Brown clay 8; sand 80; sand clay 120; hardpan 123; shale 126; grey rock 128. Water at 127.
Con I "	A.H. McGivry	N. Steinman	Oct. 3, 1961	4	12	65	58	"	D	Previously drilled 109; sand 123; own limestone 127. Water from 125 to 127.
				4	5	60	58	"	D	Hard clay 12; soft sand 40; silt 60; silt 100; dirty sand 100.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Blenheim Twp. - cont. Con I	A. VanDeWalle	J. Stefan	Oct. 10, 1961	4	5	60	30	Sulphur	D, S	Yellow sand 32; silty gravel 52; hard stony clay 95; shale 115; grey rock 120. Water at 120.
Con I	H. Bond	"	Nov. 13, 1962	4	10	35	30	Fresh	D	Gravelly clay 5; soft silty sand 27; hard pocketed sand 50; soft fine sand 74; hard gravelly clay 108; grey rock 109. Water at 109.
Con I	K. Dinsmore	L.C. Shantz	Mar. 18, 1960	5	5	45	25	"	D	Clay 20; silty sand 55; sharp sand 65. Water from 55 to 65.
Con I	W. Riley	J. Stefan	Sep. 16, 1963	5	5	35	32	"	D	Hard clay 1; soft clay 48; hard gravel 56. Water at 53.
Con I	W.H. Williamson	H. Johnson	Jul. 24, 1963	30	5	20	17	"	D	Brown clay stone 16; hard brown 20; coarse sand 34; water at 20.
Con I	J. Peeters	J. Stefan	May 12, 1961	4	5	48	20	"	D	Stony clay 20; soft blue clay 31; dirty gravel 37; dirty sand 63; stony clay 70; fine gravel 72. Water at 70.
Con I	F. Cowan	"	May 2, 1962	5	5	32	18	"	C	Clay stones 16; blue clay 2; dirty fine gravel 68; blue clay 89; fine gravel 91. Water at 89.
Con I	C. Milton	"	May 9, 1962	4	5	30	15	"	D	Dug well 4; gravelly clay 18; soft blue clay 43; coarse gravel 44. Water at 43.
Con I	W. DeKoning	"	Aug. 13, 1963	4	5	21	14	"	D	Hard stony clay 38; soft sandy clay 90; hard clay 92; fine gravel 94. Water at 92.
Con I	F. Scott	L.C. Shantz	Sep. 6, 1962	5	8	45	31	"	D	Sandy clay 80; coarse sand 83. Water from 80 to 83.
Con I	J. Church	J. Stefan	Sep. 18, 1963	4	5	25	24	"	D	Hard stony clay 62; fine gravel 64. Water at 62.
Con I	G. Carson	"	Aug. 4, 1960	4	5	22	21	"	D	Soft brown clay 41; fine gravel 42. Water at 41.
Con I	H.J. Davis	S. Gill	Aug. 29, 1960	6	8	65	50	"	D	Grey clay 15; sandy clay 65; gravel 70; silt 135; coarse sand 136. Water at 135.
Con I	G. Glenmon	J. Stefan	Aug. 30, 1960	4	5	16	15	"	D	Soft sand clay 16; hard stones clay 31; fine gravel 32. Water at 31.
Con I	W. Thompson	"	Oct. 6, 1960	4	5	25	24	"	D	Stony clay 27; dirty gravel 31; fine gravel 32. Water at 31.
Con I	L. Spicer	"	Oct. 7, 1960	4	5	26	17	"	D	Gravelly clay 36; fine clean gravel 37. Water at 36.
Con I	H. Bailey	"	Oct. 10, 1960	4	5	19	18	"	D	Old dug well 21; hard clay 29; fine clean gravel 30. Water at 29.
Con I	F. Miller	"	Oct. 13, 1960	4	5	34	14	"	D	Hard gravelly clay 26; soft sandy clay 40; hard clay 45; fine clean gravel 46. Water at 45.
Con I	C. Flocere	"	Nov. 10, 1960	4	8	35	20	"	D	Coarse dirty gravel 18; fine yellow sand 33; hard silty sand 60; hard gravelly clay 65; fine gravel 66. Water at 65.
Con I	P. Kipp	"	Sep. 16, 1961	4	10	24	19	"	D	Hard gravelly clay 72; fine gravel 73. Water at 72.
Con I	S. Horvath	"	Sep. 29, 1961	4	5	21	20	"	D	Hard yellow clay 8; soft sandy clay 12; hard gravelly clay 30; coarse gravel 31. Water at 30.
Con I	B. Field	"	Jul. 18, 1963	4	3	40	20	"	D	Soft silty clay 24; hard stony clay 51; fine gravel 52. Water at 51.
Con I	R. Rabb	"	Jul. 23, 1963	4	5	36	20	"	D	Soft silty clay 18; hard silty gravel 28; stony clay 77; fine gravel 78. Water at 77.
Con I	A. Durham	"	Aug. 1, 1963	4	5	38	28	"	D	Soft silty sand 18; hard stony clay 74; fine silty sand 85; hard stony clay 115; fine stony sand 134; blue clay 155; grey rock 157. Water at 156.
Con I	G. Matheson	"	Nov. 5, 1963	4	5	34	20	"	D	Hard stony clay 38; soft silty sand 63; hard stony clay 117; black rock 118. Water at 118.
Con I	J. Tedley	"	Nov. 6, 1963	4	5	22	15	"	D	Old dug well 20; hard stony clay 34; fine gravel 35. Water at 35.
Con I	K. Bell	W. Burwell	Oct. 29, 1962	5	4	80	25	"	D	Sand 6; clay 8; sand 33; putty sand 83; gravel 90; clay 107; concretion 110; fine sand 112. Water at 112.
Con I	Boy Scouts	N. Steinman	Mar. 29, 1960	4	12	18	6	"	P	Bedrock 23; fine clay 37; gravelly clay 59; clay 78; fine gravel 91; 156; gravel 134. Water at 134.
Con I	Woodstock J. Collie	J. Stefan	Jul. 31, 1962	4	5	36	18	"	D	Soft yellow sand 62; hard pocketed gravel 80; hard stony clay 115; fine gravel 118. Water at 115.

	H. Cracknell	J. Stefan	Aug. 3, 1962	4	5	50	40	Fresh	D, S	Old dug well 29; hard stony clay 64; soft silty sand 76; hard stony clay 95; blue clay 124; dirty gravel 132; soft blue clay 137; grey shale 137. Water at 137.
Con II	R. Govier	"	May 28, 1962	4	15	30	24	"	D, S	Sort clay 34; silty sand gravel 72; hard sandy clay 88; hard gravelly clay 165; soft silty sand 129; soft blue clay 149; dark grey shale 150. Water at 150.
Con II	W. Crosby	"	Oct. 19, 1961	4	10	21	20	"	D, S	Coarse gravel 81; clay gravel 20; soft butty sand 52; soft clay 53; medium gravel 54. Water at 53.
Con II	L. Milton	"	Aug. 23, 1961	4	10	45	42	"	D, S	Sort yellow clay 29; hard clay gravel 82; soft clay stones 90; fine gravel 91. Water at 90.
Con II	L. Gunter	"	Jun. 26, 1961	4	10	17	14	"	D	Dug well 10; soft sandy clay 14; hard stony clay 32; soft yellow clay 45; medium sand 49; coarse sand 59; medium gravel 60. Water at 45.
Con III	R. Green	C. Shantz	Dec. 29, 1961	5	12	11½	7½	"	D, S	Sand 6; gravel 21; brown clay 33; gravel 40; clay gravel 69; sandy clay 116; silty sand 121; gravel 128. Water from 121 to 127.
Con III	H. Stuart	J. Stefan	Jun. 7, 1962	4	4	90	42	"	D, S	Clay boulders 22; soft clay 32; butty sand 75; silty sand 88; hard stony clay streaks 114; sand gravel 140; fine gravel 163. Water at 160.
Con III	A. Matters	"	Apr. 25, 1962	4	5	45	32	"	D, S	Hard gravelly clay 28; hard silty sand 66; gravelly clay 76; sort clay 82; soft yellow sand 136; hard clay 145; fine dirty gravel 160; medium clay gravel 161. Water at 160.
Con III	L. Gurney	"	Oct. 11, 1963	4	10	50	37	"	D, S	Hard clay 6; soft silty sand 15; hard clay 20; soft silty sand 50; sandy clay 70; dirty gravel 75; hard clay 113; fine sand 133; sand stony clay 164; grey rock 165. Water at 165.
Con V	W. Mackie	J. Moore	Dec. 13, 1963	30	10	22	13	"	S	Sand 7; coarse gravel 24. Water at 17.
Con V	M. Scott	"	Nov. 5, 1962	30	2	25	20	"	D	Topsoll 1; fine sand 28. Water at 20.
Con V	C. Kalbfleisch	"	Nov. 21, 1962	30	2	35	30	"	D	Topsoll 1; fine sand 39. Water at 30.
Con V	L. Beskett	"	Mar. 17, 1962	30	2	30	22	"	S	Topsoll 2; blue clay 46; coarse gravel 30.
Con VI	S. Hess	Steinman & Baird	Mar. 22, 1962	4	12	40	35	"	D, S	Red clay 45; sandy clay 65; blue clay 90; gravel 95; grey clay 160; coarse sand 163. Water from 160 to 163.
Con VI	H. Massek	J. Moore	Nov. 25, 1961	30	3	60	50	"	D	Brown clay 4; blue clay 66; coarse gravel 68. Water at 66.
Con VI	L. Peterson	J. Stefan	Sep. 14, 1962	4	5	115	700	"	D	Hard clay sand streaks 60; hard clay 162; fine sand 180; blue clay 184; fine gravel 195. Water at 184.
Con VI	R. Hems	J. Moore	Sep. 11, 1963	30	5	60	50	"	S	Brown clay 3; blue clay 70; sand 74. Water at 70.
Con VI	R. Backnor	"	Jun. 9, 1962	30	3	12	0	"	D	Sand 5; coarse sand 12; clay 25. Water at 25.
Con VI	F. Hanna	"	Jun. 12, 1962	30	6	30	27	"	D	Clay 55; gravel 57. Water from 55 to 57.
Con VI	R.W. Rumble	"	Dec. 18, 1963	30	5	40	26	"	D	Brown clay 3; blue clay 57; sand 54. Water at 52.
Con VI	R. Walkins	Steinman & Baird	Oct. 1, 1962	4	12	50	46	"	D, S	Sand red clay 53; blue clay 57; sand 54. Water at 52.
Con VII	J.A. Taylor	J. Moore	Nov. 21, 1961	30	2	35	30	"	D	Grey clay 21; brown limestone 24. Water at 24.
Con VII	F. Hamby	"	Oct. 29, 1963	30	10	25	25	"	D	Brown clay 13; sand 42. Water at 30.
Con VII	Drumbo P.O.	Hadco Well Digging	May 12, 1962	30	2	47	42	"	P	Brown clay 30; coarse sand 33; coarse gravel 40. Water at 35.
Con VII	G. Cairns	N. Steinman	Dec. 20, 1961	4	12	123	115	"	D, S	Topsoll 1; brown sandy clay 9; grey clay 42; gravel 42; blue clay 42. Water at 42.
Con VII	G. Skillings	"	Dec. 31, 1963	30	3	40	32	"	D	Bandy clay 55; sand 163; blue clay 200; gritty clay 235; shrapan 265; limestone 267. Water at 260.
Con VII	N. Williams	"	Nov. 9, 1961	30	3	39	36	"	S	Coarse sand 2; fine sand 48. Water at 32.
Con VII	P. Robson	"	Nov. 15, 1961	30	3	39	36	"	S	Brown clay 12; blue clay 40; fine gravel 43.
Con VIII	P. Livingston	Steinman & Baird	Nov. 28, 1961	30	2	52	45	"	S	Sand stony 12; coarse sand 58. Water at 42.
Con VIII	"	"	Aug. 28, 1962	4	11	52	45	"	D	Sort clay 140; gravel 161; clay 168; dirty sand gravel 132; soft clay 160; gravel clay 166; hard sand 169; brown limestone 172. Water at 172.
Con VIII	C. Reamey	C. Shantz	Apr. 6, 1963	7	10	65	50	"	D, S	Tonsoll 1; sand gravel clay 40; red clay 100; clay gravel 136; gravel sand 140. Water from 136 to 140.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY -cont. Blenheim Twp. -cont. Con VIII lot 8	C. Crawley	L.C. Shantz	Mar.11,1960	5	12	13	Flows	Fresh	D	Clay boulders 9;silty sandy clay 102;boulders 104;clay gravel 120;blue shale 132. Water from 120 to 132.
Con VIII	R. Brooks	"	Oct.12,1962	5	14		"	"	Ir	Topsoil 1;clay 60;gravel clay 61;clay 98;gravel clay 100;clay 136;gravel clay 138;blue shale 141. Water from 138 to 141.
Con VIII	F. Rose	HadcoWell Digging	Nov.29,1960	30	12	15	7	"	D	Topsoil 1;brown clay 6;gravel 10;sand 20. Water at 6 and 12.
Con X	Ont.Dept.of Highways	C.E. Snider	Feb. 9,1962	5	30		117	"	P	Topsoil 2;yellowish sand clay stones 13;hardpan 20;blue clay 64;silt 135;blue clay stones 165;silt stones 194;medium sand gravel 245;layers blue clay sand 247. Water at 194 and 245.
Con X	"	"	Mar.19,1962	5	40	95	75	"	P	Topsoil 2;gravel 18;blue clay 40;silt sand 88;silt stones 145;hardpan 152;silt 157;hardpan 200;silt clay 247;limestone 250. Water at 248.
Con X	"	C. & H. Kerr	Aug.22,1962	4	15	125	105	Mineral	D,S	Clay 40;sandy clay 120;clay boulders 128;sandy clay 178;hardpan 206;shale 218;blue limestone 242. Water from 240 to 242.
Con X	N. King	Steinman & Baird	Mar. 9,1962	4	25	0	Flows	Fresh	D,S	Sandy clay 21;blue clay 30;gritty blue clay 46;hardpan 71;coarse sand 79;gritty clay 152;gravelly clay 170;sharp sand 174;clay 183;brown shale 185. Water at 185.
Con X	R. Shurman	HadcoWell Digging	Aug.21,1961	30	4	29	22	"	D	Topsoil 1;sand 3;brown clay 4;sand 22;fine gravel 29. Water from 22 to 29.
Con X	C. Hewitt	Steinman & Baird	Jan. 8,1963	5	12	53	33	"	D,S	Clay sand 84;fine sand 93. Water from 89 to 93.
Con X	H. Hagestien	"	Feb.14,1963	4	9	75	59	"	D	Sandy clay 6;fine sand 92;hardpan 117;fine sand 123;gritty hardpan 146;grey blue clay 187;broken shale 192;blue grey limestone 196. Water from 194 to 196.
Con XI	W.D. Baird	"	Sep.14,1963	7	20	55	33	"	D	Stony clay 43;soft grey clay 65;sand 78. Water from 65 to 78.
Con XI	G. Thompson	L.C. Shantz	Oct.20,1963	7	8	50	8	"	D,S	Old dug well 27;clay gravel 98;sand gravel 92. Water from 88 to 92.
Con XI	T. Hewitt	Steinman & Baird	Aug.31,1962	4	15	65	35	"	D,S	Sandy loam 9;quicksand 29;gritty clay 30;quicksand 46;gritty clay 89;hardpan gravel 106;gritty clay 151;dark blue shale 163;soft blue limestone 181. Water at 181.
Con XII	J. Stewart	"	Feb.16,1962	4	12	60	35	"	D,S	Sand 28;brown clay 35;hardpan 85;blue clay 90;gritty clay 108;hardpan 156;shale layers brown limestone 189. Water from 186 to 188.
Con XII	M. Stewart	"	Jul.18,1962	4	10	42	16	"	D,S	Stones gravel 8;gritty clay 57;hardpan sand 144;blue shale 167;hardpan 183;grey soft limestone 186;sand 188;dark blue limestone 190. Water at 190.
Con XII	W. MacDonald	"	May 27,1963	4	15	55	38	"	D,S	Brown sand 46;grey sand 70;grey clay 96;sandy gravel 120;clay hardpan 137;soft blue limestone 148. Water at 146.
Con XIII	Blenheim School Area	N. Steinman	Aug. 5,1961	7	50	17	Flows	"	P	Fill 3;fine silty sand 21;blue clay 70;grey clay 85;hardpan 128;brown clay 140;gritty hardpan 152;blue clay shale 186;blue limestone 193;brown limestone 195. Water from 190 to 195.
Con XIII	Dr.F. Lucan	"	Aug.19,1961	4	14	19	Flows	"	D	Brown clay 18;grey clay 55;gritty grey clay 80;hardpan 150;gravel 167;blue clay 179;blue shale 188;blue limestone 189;brown limestone 190. Water at 188 and 190.
Con XIII	D. Lamont	"	Jul. 4,1963	5	10	20	"	"	D	Sandy brown clay 47;fine muddy sand 48;red sandy clay 53;coarse gravel fine muddy sand 55;gravelly hardpan 75;hardpan 106;gritty hardpan 123;coarse gravel 125. Water at 125.
Con XIII	D. Stauffer	"	Nov. 8,1961	4	12	50	40	"	D,S	Red clay 23;blue clay 38;grey blue clay 70;blue clay 30;sand 94;gritty hardpan 100;blue clay 148;brown limestone 149;coarse gravel 150. Water at 149.
Con XIII	"	"	Aug. 3,1962	4	10	50	38	"	D,S	Sand 30;sandy clay 36;gritty clay 62;blue clay 190.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
OXFORD COUNTY - cont. Dereham Twp. - cont.										
Con III	" 14 A. Hanson	W. Dale	Jul. 16, 1960	5	20	66	63	Fresh	D, S	Brown clay 15; blue clay 49; gravel clay 81; blue clay 102; gravel clay 167; gravel limestone 184. Water at 183.
Con III	" 20 H. Ellery	K. McLeod & Sons E. Stewart	Jul. 13, 1960 Oct. 30, 1963	5 5	5 15	17 85	12 17	"	D, S D, C	Blue clay 45; gravel 47. Water at 45.
Con IV	" 6 W. Boyd	Coile Water Wells	Oct. 3, 1963	5	7	30	20	"	D, S	Gray gravel mixture 82; quicksand 120; coarse sand 125. Water from 15 to 125.
Con IV	" 16 J. Bell	Warren Water Wells	Nov. 20, 1963	5	12	55	30	"	D, S	Yellow clay 35; sand 41; pit gravel 74; sand 79. Water from 74 to 79.
Con IV	" 20 R. Moulton	G. Warren	Dec. 14, 1960	5	5	50	36	"	D, S	Yellow clay stones 18; soft clay sand 40; clay stones 91; clay stones sand 118; fine gravel 120; gravel 121. Water from 120 to 121.
Con IV	" 28 C. Boyse	K. McLeod & Sons	Jun. 1, 1961	5 1/2	6	28	25	"	D, S	Blue clay 70; sand 130; hardpan 150; gravel 152. Water at 150.
Con V	" 7 V. Franklin	G. Warren	Apr. 18, 1962	5	7		50	Sulphur	D, S	Clay loam 3; clay boulders 20; white sand clay 28; putty sand clay 30; grey clay 33; dirty gravel 125; clay 158; gravel. Water at 158.
Con V	" 11 H. Tindale	W.E. Locker	Oct. 1, 1960	4	2 1/2	35	22	Fresh	D	Old well 15; yellow sand 65; sand gravel 72; clay 74; gravel 76; sand gravel 80; medium gravel 85. Water from 80 to 85.
Con V	" 11 Vlg. Mt. Elgin	E. Hoover & Sons	Aug. 19, 1963	8	3 1/2	45	32	"	P	Topsoil 3; clay stones 40; gravel sand 70; sand 138; blue clay 144; fine gravel 146; sand gravel 155. Water from 144 to 155.
Con V	" 12 C. Prouse	G. Warren	Jun. 29, 1962	5	5	95	22	"	D, S	Clay stones 25; putty sand 58; grey clay stones 80; dirty gravel 89; putty sand 112; hard clay stones 130; yellow sand 134; fine gravel 137. Water from 134 to 137.
Con V	" 21 L. Axford	K. McLeod & Sons	Jul. 25, 1960	4 1/2	6	26	15	"	D	Brown clay stones 45; gravel 47. Water at 45.
Con V	" 25 H. Albright	G. Warren	Nov. 30, 1960	5	4 1/2	51	25	"	D	Clay stones 20; putty sand 30; clay gravel 75; fine gravel 82. Water from 79 to 82.
Con VI	" 2 J. Stutzman	Burwell & Evanitski	Sep. 18, 1961	5	15	70	50	"	D, S	Clay 50; gravel 56; clay 97; sand 172; gravel 174; grey rock 175. Water from 97 to 106 and at 174.
Con VI	" 3 B. Burwell	"	Jul. 21, 1961	5	15	50	45	Sulphur	D, S	Clay 50; putty sand 70; gravel 105; clay 165; gravel 175; grey rock 182. Water at 105 and 175.
Con VI	" 4 C. Mansfield	G. Warren	May 13, 1960	5	10	49	24	Fresh	D, S	Topsoil 8; clay stones 16; clay 40; dirty gravel 104; gravel 105. Water from 104 to 105.
Con VI	" 8 A. Anderson	W. Burwell	Oct. 1, 1960	1	6	16	13	"	D	Sand 4; blue clay 25; sand 37. Water at 25.
Con VI	" 9 B. Meyerink	G. Warren	Aug. 18, 1961	5	5	60	14	"	C	Grey clay 21; putty sand 63; grey clay 70; white sand 75; sand 85. Water from 75 to 85.
Con VI	" 10 E. Atkinson	E.B. Hussey	Nov. 22, 1962	4	10	25	16	"	D, S	Dark sandy loam 3; clay stones 25; putty clay quicksand 60; quicksand 40; coarse sand 91. Water from 86 to 90.
Con VI	" 11 G. Harvey	G. Warren	Jun. 5, 1962	5	6	52	25	"	D, S	Yellow clay 20; clay putty sand 35; cony stones 90; clay 112; gravel sand 119; gravel 120. Water at 120.
Con VI	" 12 W.H. Trembley	E.B. Hussey	Sep. 17, 1963	4	10	40	13	"	D	Old well 17; sand gravel 38; blue clay gravel 78; sand gravel 103; gravel 106. Water from 103 to 106.
Con VI	" 22 Learn Bros.	G. Warren	Nov. 16, 1962	5	5	50	36	"	D, S	Yellow clay boulders 20; grey clay stones 30; dirty gravel 75; fine gravel 86. Water from 75 to 86.
Con VII	" 2 A. Scott	W.E. Locker	Aug. 3, 1963	5	1 1/2	90	60	"	D	Brown clay 10; blue clay 54; clay gravel 90; cemented gravel sand 98. Water from 90 to 98.
Con VII	" 8 E. Pruse	G. Warren	Aug. 29, 1960	5	7	18	6	"	D	Clay 22; fine gravel 25. Water from 22 to 25.
Con VII	" 8 H. Vyse	W.E. Locker	Oct. 20, 1960	4	2	25	25	"	D	Old dug well 24; brown clay 40; gravel 42; sand 45; gravel sand 69; coarse gravel stones 71; sand medium gravel 80. Water from 71 to 80.
Con VII	" 9 Otter Valley Milk Producers	G. Warren	Aug. 27, 1960	5	15	30	12	"	C	Yellow clay 11; grey clay 23; fine gravel 25; dirty gravel 79; gravel 80; water 80.
Con VII	" 9 P. Langs	Coile Water Wells	Nov. 8, 1963	5	6	70	50	"	D, S	Yellow clay 15; white sand 18; soft grey clay 85; grey clay stone 143; fine gravel 147. Water from 143 to 147.

Con	W. Rooke	G. Warren	Aug. 10, 1962	5	5	90	32	Fresh	D	
Con VII	Dorham Centre Public School	Cole Water Wells	Jul. 8, 1963	5	6	30	25	"	P	Yellow clay 10; grey clay stones 32; soft clay 50; putty sand clay 60; hard clay stones 87; coarse sand 90. Water from 87 to 90.
Con VII	E. McLaughlin	"	Jul. 21, 1963	5	5	85	30	"	S	Yellow clay 17; grey clay stones 56; gravel 61. Water from 56 to 61.
Con VII	G. Spaulding	G. Warren	Oct. 31, 1962	5	5	80	36	"	D, S	Old well 60; grey clay stones 110; dirty gravel streaks clay 136; gravel 141. Water from 136 to 141.
Con VIII	K. Nichols	K. McLeod & Sons	May 17, 1962	4	3	135	90	"	D	Yellow clay 15; grey clay stones 25; dirty gravel 33; clay stones 60; putty sand 75; grey clay stones 97; fine gravel sand 105. Water from 101 to 105.
Con VIII	L.J. Belliveau	"	Jul. 9, 1961	5	3	82	75	"	D	Brown clay 20; blue clay 40; sand 90; blue clay 170; dirty gravel 178; gravel 180. Water at 180.
Con VIII	L. Gaines	"	Jul. 11, 1962	4	4	100	70	Sulphur	D	Brown clay 20; blue clay 6; gravel 87. Water at 87.
Con VIII	G. Werner	G. Warren	Nov. 22, 1961	5	5	60	44	"	D, S	Blue clay 100; harden 15; sand gravel 194; brown rock 197; Water at 196.
Con VIII	H. Wilkinson	"	Feb. 5, 1962	5	10	62	50	Fresh	D, S	Yellow clay 16; grey clay 77; clay pebbles 130; gravel. Water at 130.
Con IX	H. Hughes	W. Burwell	Sep. 3, 1963	5	8	95	90	"	D	Clay boulders 15; boulders 16; grey clay 95; putty sand 96; gravel 128. Water at 128.
Con IX	H. Livingston	G. Warren	May 6, 1961	5	5	92	82	"	D, S	Clay 80; gravel 100; clay 120; gravel 140; clay 161; rock 168. Water at 169.
Con IX	T. Langrell	"	Nov. 1, 1960	5	5	74	69	"	D, S	Yellow clay 14; sand 16; grey clay 28; sand 58; grey clay stones 103; dirty gravel 105; sand 112. Water from 105 to 112.
Con XII	W. Gordon	Warren Water Wells	Jun. 14, 1963	5	4	39	30	"	D	Clay loam 12; gravel 13; soft clay 56; clay stones 99; gravel 95. Water from 99 to 95.
Con IX	P. Hopper	K. McLeod & Sons	May 5, 1960	4 1/2	5	80	72	"	D	Yellow clay 8; sand 31; sand 36; clay 39. Water from 31 to 36.
Con IX	V. Petten	W.E. Locker	Aug. 15, 1960	4	2	70	56	"	D	Brown clay 50; blue clay 85; sand 88; gravel 90. Water at 88.
Con IX	C. Haley	K. McLeod & Sons	Feb. 12, 1963	4	6	75	70	"	D	Grey sand 1; gritty clay 34; white clay 74; putty sand 84; coarse sand fine gravel 94. Water from 94 to 94.
Con IX	D. Sands	W. Burwell	Sep. 26, 1960	4	3	44	39	"	D	Blue clay 55; harden 180; gravel 181. Water at 181.
Con IX	B. Cattle	Burwell & Evanski	Nov. 2, 1961	4	6	38	25	"	D	Sand 19; clay 40; gravel 59. Water at 40.
Con IX	L. Wallace	W. Burwell	Nov. 11, 1961	4	7	35	30	"	D, C	Stony clay 51; gravel 53. Water at 51.
Con IX	R. Donair	W.H. Weaver & Son	Feb. 6, 1962	1	8	30	25	"	D, C	Clay 50; gravel 64. Water at 63.
Con X	E. Cattle	W. Burwell	Nov. 28, 1963	5	8	30	25	"	D	Topsail 1; brown clay 8; blue clay 9; gravel 15. Water at 9.
Con X	D. Shively	"	Aug. 20, 1962	5	7	55	50	"	D	Boulders 10; clay 70; sand 77. Water at 70.
Con X	R. Belore	G. Chatterton	Aug. 4, 1960	2	4	70	65	"	D	Red clay 20; blue clay 100; gravel 110; blue clay 144; grey limestone 145. Water at 145.
Con X	S. Scott	Cole Water Wells	Nov. 28, 1963	5	8	70	65	"	D, S	Dark sand 5; clay 18; gravel 33; gravel sand 48. Water at 33.
Con X	W. Ketchabaw	G. Warren	Aug. 11, 1960	5	5 1/2	53	38	Fresh	D	Clay loam 3; yellow clay 18; grey clay stones 80; dirty gravel 106; gravel 114. Water from 107 to 114.
Con X	G. Holzbever	"	Oct. 7, 1960	5	5 1/2	53	100	"	D, S	Yellow clay 15; grey clay 54; gravel 104; clay stones 160. Limestone 164.
Con X	M. Prouse	"	Aug. 17, 1961	5	10	115	100	"	D	Brown sand 20; clay 52; gravel 71; sand 78. Water from 71 to 78.
Con X	Tillsonburg Water Supply Ltd.	International Water Supply Ltd.	Nov. 2, 1961	5	5 1/2	53	100	"	T	Yellow clay 12; grey clay stones 55; putty sand 60; grey clay stones 105; grey clay 139; grey sand 160; fine gravel 165. Water from 160 to 165.
Con X	"	"	Apr. 13, 1962	5	5	27	15	"	8-61	Topsail 2; brown clay boulders 4; blue clay 24; clay gravel boulders 49; gravel 53; clay gravel 54; silt sand clay 75; silt sand clay 116; clay gravel.
Con X	"	"	Aug. 15, 1960	5	5	27	15	"	T	Topsail 2; clay gravel boulders 5; brown clay 13; blue clay 42; clay gravel boulders 56; gravel 59; clay gravel boulder 140.
Con X	M. Prouse	G. Warren	Oct. 26, 1961	5	5	33	28	"	D, S	Clay stones 27; sand 39. Water from 27 to 39.
Con X	J. Stephen	"	"	5	5	33	28	"	D	Yellow clay 5; grey clay stones 25; gravel 58; clay 62; sand 85. Water from 65 to 85.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Dereham Twp. - cont. Con X	A. Horwath	G. Warren	Aug. 18, 1962	5	5	45	28	Fresh	D	Yellow clay 8; grey clay stones 25; dirty gravel 58; hard clay stones 72; yellow sand 80; coarse sand 91; water from 80 to 92.
Con X	F. Gargich	Warren Water Wells	Nov. 28, 1963	5	2 1/2	90	42	"	D	Yellow sand 8; grey clay 2; light gravel 32; grey sand 64; hard clay stones 89; fine grey sand 93. Water from 89 to 93.
Con X	Tillsonburg P.U.C.	W.E. Looker	Jun. 12, 1961	5			16 1/2	"	T	Black loam 2; yellow sand 18; yellow clay 20; grey quicksand 28; medium sand 30; clay hardpan sand 66; coarse sand 82; coarse sand fine gravel 85; fine gravel 93; clay 118; fine gravel 106; clay sand 136; blue clay 161; fine sand gravel 162; limestone 164. Water at 68, 82 to 85, 85 to 93, 118 and 161.
Con X	"	International Water Supply Ltd.	Oct. 31, 1961	2					T	Topsoil 1; dirt sand 7; sand clay 14; silt clay streaks 14; silt clay 22; clay gravel 71; silt sand clay 83; coarse sand fine gravel 86; clay 162; rock.
Con X	Delmer Public School	K. McLeod & Sons	Jun. 2, 1960	5 1/2	6	50	35	Fresh	P	Blue clay 75; hardpan stones 90; hardpan 102; gravel 104. Water at 102.
Con X	R. Crawford	G. Warren	Mar. 17, 1961	5	10	50	40	"	D, S	Clay loam 18; white sand 20; soft grey clay 55; clay stones 92; fine gravel 100. Water from 92 to 100.
Con X	H.C. Brown	W.L. McBeth	Nov. 16, 1962	5 1/2	5	69	24	"	D, S	Brown clay 25; hard sand 50; clay stones 90; putty sand 90; hardpan 98; gravel 99. Water at 98.
Con XI	J. Butler	G. Warren	Sep. 5, 1960	5	10	50	38	"	D, S	Clay stones 20; grey clay 60; dirty gravel 61; gravel 62. Water from 61 to 62.
Con XI	B. Vance	J.H. Weaver & Son	Aug. 22, 1960	1	8		20	"	D	Old well 23; brown quicksand 37. Water at 20.
Con XI	A. Sindén	G. Warren	Sep. 30, 1960	5	8	54	30	"	P	Clay 15; boulders 19; clay 45; dirty gravel 60; gravel 70. Water from 65 to 70.
Con XI	J. Drew	J.H. Weaver & Son	Jun. 13, 1961	1	8		22	"	D	Topsoil 1; yellow sand 5; brown sand 22; grey quicksand 35; gravel 30. Water at 22.
Con XI	J. Letos	G. Warren	Jun. 15, 1961	5	5	67	44	"	D	Yellow sand 4; grey clay stones 65; dirty gravel clay 96; sand 101; dirty gravel 102. Water from 96 to 102.
Con XI	Tillsonburg P.U.C.	International Water Supply Ltd.	Apr. 25, 1962	2	22	19	10	"	T	Topsoil 1; brown sandy clay 5; brown clay 12; grey clay 20; silt sand clay 44; clay gravel 45; gravel clay 57; clay 61; silt fine sand 84; boulders 85; hard blue clay 116; rock 121. Water from 45 to 57.
Con XI	T. Harris	G. Warren	May 3, 1962	5	1	42	34	"	D	Yellow clay 8; gravel 30; yellow sand 39; wire sand gravel 42. Water from 39 to 42.
Con XI	Tillsonburg P.U.C.	International Water Supply Ltd.	May 15, 1962						T	Sandy clay 5; clay 20; silt fine sand 44; clay gravel 47; gravel boulders 57; clay 60; silt sand 64; silt sand clay 83; clay gravel 116; rock 117.
Con XI	B. Oberski	J.H. Weaver & Son	Jul. 10, 1962	1	8		25	Fresh	D	Topsoil 1; yellow sand 9; white sand 25; sand 37; coarse gravel 40. Water at 25.
Con XI	J. Lator	"	Apr. 9, 1963	1	8		22	"	D	Topsoil 1; yellow sand 5; white sand 22; grey quicksand 37. Water at 22.
Con XI	H. Meertens	G. Warren	Nov. 2, 1960	5	10	36	28	"	D, S	Yellow sand 38; clay stones 48; fine sand 62; fine gravel 82. Water from 62 to 82.
Con XI	R.G. Gorman & J. High	R. Hodgson	May 5, 1962	5	100	33	20	"	P	Topsoil 1; yellow sand loam 8; sand 15; hardpan 18; soft sand 28; coarse sand 33; gravel 38. Water from 28 to 38.
Con XI	W. Scott	Cole Water Wells	Nov. 18, 1963	5						Topsoil 2; yellow sand 8; white sand 13; grey clay stones 28; dirty gravel clay 34; grey clay stones 117; rock limestone 119. Dry hole.
Con XI	Tillsonburg P.U.C.	G. Warren	Jun. 24, 1960	5	20	25	22	Fresh	T	Yellow clay 12; grey clay pebbles 18; dirty gravel 35; sand 49; clay stones 60. Water from 35 to 48.
Con XI	B. Vasily	J.H. Weaver & Sons	Feb. 21, 1961	1	8		50	"	D, S	Old well 30; white sand 45; coarse gravel 60. Water at 45.

Tillsonburg P.U.C.	W.E. Locker	Jul.10,1961	5		28	Fresh	T
Con XI	"	Aug.12,1961	2		20	"	1-61 Black loam 2;yellow sand 15;coarse sand 70;coarse sand 38;mixed gravel 42;gravel sand dirt 56;coarse sand 70;coarse sand 4;fine gravel 90;gravel 82;hardpan sand clay 86;blue clay 128;fine gravel 129;coarser gravel 130;brown limestone gravel 131. Water at 38, 82 and from 128 to 131.
Con XI	"	Aug.12,1961	2		20	"	2-61 Black loam 4;sand gravel 11;yellow sand 25;quicksand 30;coarse sand 35;medium sand gravel 40;fine gravel 45;fine gravel silt 50;fine gravel 60;fine gravel silt 70;fine gravel coarse sand 85;fine gravel silt 92;clay hardpan 125;coarse gravel 130;brown grey limestone 131. Water at 20, 30 and at 97.
Con XI	International Water Supply Ltd.	Sep.26,1961	2		12		4-61 Topsoil 4;dirty sand clay 32;sand gravel 55;clay 57;boulder 58;hard clay 91.
Con XI	"	Oct. 5,1961	7	100	27		2-61 Topsoil 3;dirty sand clay 43;gravel 44;brown clay 50;gravel 60;coarse gravel 68;boulders white clay 70;blue clay 86.
Con XI	"	Oct. 6,1961	2		14		3-61 Topsoil 4;sand 40;coarse sand fine gravel 67;boulders 68;blue clay 71.
Con XI	"	Oct.24,1961					5-61 Topsoil 4;brown silty clay 9;silty brown sand 29;gravel 41;rusty gravel 43;clay 51;dirty silt sand 72;clay 78;gravel 81;clay 89.
Con XI	"	Apr.17,1962					2-62 Sand 7;brown clay 24;silt sand soft brown clay 58;dirty sand gravel 65;gravel 76;blue clay 92.
Con XI	"	Sep. 5,1962	16	500	19	Fresh	4-62 Topsoil 1;sandy clay 11;fine sand 33;medium sand 43;medium sand gravel 46;clay sand 49;silty sand clay 50;coarse sand gravel 62;gravel sand 70;clay boulders. Water at 33.
Con XI	"	Sep.10,1962	16	359	37	"	5-62 Sand 7;brown sandy clay 19;fine sand hard streaks 37;medium sand 52;medium sand gravel 66;gravel sand 76;sand gravel 77;gravel sand clay 77.
Con XI	"	Oct.26,1961					6-61 Topsoil 1;dirty sand clay 4;brown clay 12;blue clay gravel boulder 49;fine gravel 52;clay streaks 52;silt sand 55;clay sand 58;clay 64;silt fine sand 72;tuff silt sand clay streak 97;clay boulders 105;clay 149;rock.
Con XI	"	Apr.18,1962					3-62 Sandy clay 8;brown clay 23;silt sand clay 40;silt sand 65;gravel 69;blue clay 93.
Con XI	G. Warren	Jul.19,1961	5	3	25	Fresh	D Yellow sand 38;coarse sand 41. Water from 38 to 41.
Con XI	Cole Water Wells	Apr.27,1963	5	6	40	"	D Yellow sand 34;clay stones 55;sand 70. Water from 55 to 70.
Con XI	G. Warren	Jun.10,1961	5	5	50	"	D Old well 40;grey clay stones 86;fine sand 89;coarse sand 92. Water from 89 to 92.
Con XI	"	Aug. 9,1960	5				N Yellow clay 15;grey clay gravel 91;putty sand 110;clay stones 125;putty sand clay 155;clay 187;limestone 196.
Con XI	"	Aug.12,1960	5	4	62	Fresh	D,S Clay 41;clay stones 72;stones clay sand 86;gravel 89. Water at 89.
Con XII	W.E. Locker	Jan.22,1960	8	5	10	Sulphur	F Clay 40;boulders. Water at 40.
Con XII	"	Nov.20,1962	2	8	12	Fresh	D Topsoil 1;brown clay 8;blue hardpan clay 14;fine sand 32;blue clay. Water from 14 to 32.
Con XII	J.H.Weaver & Son	Nov.27,1962	2	8	28	"	D Topsoil 1;brown clay 15;white sand 20;brown putty sand 32;brown clay 35;grey quicksand 40. Water at 28.
Con XII	W. Burwell	Nov.24,1962	2	20	15	"	D Sand 6;clay 24;fine sand 38. Water at 24.
Con XII	W.E. Locker	Dec.21,1962	2	1	5	"	D Topsoil 1;brown clay 12;blue clay hardpan boulders 26;fine grey sand 41. Water from 26 to 41.
Con XII	"	Apr.20,1963	2	24	12	"	D Brown clay 5;dirty sand stones 11;blue clay 31;fine grey sand 56. Water from 31 to 56.
Con XII	J.H.Weaver & Son	Aug. 9,1963	1	5	28	"	D Old well 10;white sand 28;blue quicksand 34;blue clay 35;blue quicksand 38. Water at 28.
Con XII	"	May 27,1960	1	8	25	"	D Topsoil 1;brown clay 7;white sand 35; Water at 25.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. Dereham Twp. - cont. Con XII	A. Vanderspallie	W.E. Locker	Aug. 6, 1960	2	1	6		Fresh	D	Dark clay 2; yellow clay 28; sand 28; blue clay 48; coarse fine sand mixed 53; blue clay 122; brown limestone 143. Water from 48 to 53. Sulphur at 143.
Con XII	M. Kriense-Locker	J.H. Weaver & Son	Mar. 30, 1961	1	17	15		"	D	Topsail 1; yellow sand 5; white sand 15; brown quicksand 30. Water at 15.
Con XII	J.M. Sanders	"	Apr. 27, 1961	1	8	28		"	D, S	Sandy clay 4; brown sand 28; fine grey sand 40. Water at 28.
Con XII	A. MacDougal	E. Hoover	Jul. 25, 1961	5 1/2				"	"	Topsail 2; red clay 12; blue clay 54. Dry hole.
Con XII	J.W. Buchner	W.E. Locker	Oct. 25, 1961	2	3	31		"	D	Brown clay 7; stone clay 14; dirty sand gravel 22; blue clay 34; fine sand 46; blue clay. Water at 34.
Con XII	F. Goessens	"	Oct. 3, 1961	2	3	15		"	D	Brown clay 5; sand stone 8; dirty gravel 10; blue clay 31; extra fine grey sand 46. Water at 32.
Con XII	H.B. Sutton	"	Apr. 15, 1963	2	2 1/2	16		"	D	Brown clay 5; sand 8; dirty sand stones 10; blue clay 31; fine grey sand 54. Water from 31 to 54.
Con XII	C. Chapman	J.H. Weaver & Son	Aug. 14, 1963	1	8	23		"	D	Topsail 1; yellow sand 3; white sand 4; brown clay 9; sand 23; brown sand 37. Water at 23.
Con XII	L. Ireland	W.E. Locker	Sep. 27, 1963	2	2	14		"	D	Yellow clay 9; blue clay 33; gravel sand 42; clay. Water from 33 to 42.
Con XII	F. Feirs	G. Warren	Jan. 21, 1960	5	7	27		"	D	Clay 8; clay sand 30; clay 38; sand 54. Water from 38 to 54.
Con XII	N. Horvath	C. Norman	Jul. 22, 1960	2	5	18		"	D	Topsail 4; red clay 6; blue clay 10; red clay 12; fine sand 18; sand 38. Water at 18.
Con XII	G. Ferguson	G. Warren	Sep. 15, 1960	5	8	20		"	D	Clay 12; yellow sand 50; sand 55. Water from 50 to 55.
Con XII	W. Oquanyi Jr.	C. Norman	Nov. 30, 1963	3	3	32		"	D	Blue clay 35; fine sand 63; coarse sand 64. Water at 35.
Con XII	P.U.C.	G. Warren	Jun. 20, 1960	5		20		Sulphur	T	Yellow clay pebbles 19; yellow sand 30; dirty sand 77; clay 169; limestone 170. Water at 170.
Con XII	I. Hay	"	Apr. 18, 1962	5	5	27		Fresh	D, S	Yellow clay 20; yellow sand 40; sand 56. Water from 40 to 56.
Con XII	R. Moore	W. Burwell	Jul. 5, 1962	5	10	35		"	D, S	Grey clay 50; fine gravel sand 57. Water at 50.
Con XII	J. Horton	G. Warren	Jan. 23, 1961	5	10	30		Sulphur	D, S	Yellow clay 20; yellow sand 55; grey clay stones 65; grey clay 180; grey limestone 185. Water at 185.
Con XII	E. Holland	"	Aug. 29, 1961	5	5	55		Fresh	D, S	Yellow clay 20; sort grey clay stones 60; hard clay boulders 80; gravel 125; sand 129. Water from 122 to 129.
Con XII	A.E. Galloway	Cole Water Wells	Aug. 23, 1963	5	6	36		"	D, S	Yellow clay 5; grey clay 25; dirty white sand 28; grey clay stones 64; gravel 87. Water from 64 to 67.
Con XII	P. Haggart	C. Norman	Dec. 5, 1960	3	5	10		"	D, S	Topsail 2; gravel sand 10; sand 14. Water at 10.
Con XII	P. Gernuska	G. Warren	Dec. 3, 1962	5	30	16		Sulphur	D, S	Yellow sand stones 10; grey clay stones 102; fine dirty sand 110; grey clay stones 170; dark rock 173. Water at 173.
East Missouri Twp. Con VIII	E. Steber	K. McLeod & Sons	Oct. 2, 1963	4	5	33		Fresh	D	Brown clay 10; blue clay stones 25; hardpan 118; gravel 119. Water at 119.
Con VIII	A. Dinner	W. Dale	Jan. 26, 1960	7	5	29		"	D	Clay gravel 45; gravel 52. Water from 45 to 52.
Con VIII	Skil-Hi Lodge	Harco Well Drilling	Jan. 17, 1963	30	2	40		"	"	Brown clay 3; gravel 7; brown sand 21; blue clay boulders 49; boulders. Water at 14.
Con VIII	J. Sterritt	M. Jones	Sep. 19, 1963	4	8	50		"	D, S	Clay 63; fine sand 74; stone clay 95; sandy clay 100; fine sand 110; grey limestone 120. Water at 118.
Con IX	D. McCall	E.B. Hussey	Jul. 19, 1961	4	5	125		"	D	Sandy yellow loam 5; blue clay 17; boulder hardpan 20; gravelly hardpan small stones 36; hardpan 78; sandy clay stones 90; brown limestone 125; hard sharp grey limestone 140; hard grey brown limestone 157. Water from 125 to 157.
Con IX	J. Noble	K. McLeod & Sons	Sep. 19, 1963	4	6	42		"	D	Brown clay 20; blue clay 40; hardpan stones 80; limestone 90. Water from 90 to 100.

	H. Cole	Hadco Well Digging	Nov. 9, 1962	30	3	19	9	Fresh	D.S.	Topsoil 1; brown gravelly clay 9; gravel 13; blue clay boulders 19; Water at 9. Brown clay 40; hardpan stones 97; soft limestone 108. Water at 108. Clay 20; gravel 27; clay 45; gravel 60; clay stones 110; fine sand 195; brown limestone 150. Water at 146. Brown clay 30; blue clay stones 50; hardpan stones 119; grey limestone 125. Water at 124. Clay 12; sand 15; clay stones 53; fine sand 56; clay stones 99; brown limestone 108. Water at 108. Brown clay 20; hardpan stones 70; limestone 75. Water at 75. Brown clay 15; hardpan stones 140; limestone 148; hard rock 196; brown rock 198. Water from 196 to 198. Brown clay 40; hardpan 56; gravel 55; hardpan 128; gravel 131; grey rock 132. Water at 132. Clay hardpan 28; sandy clay 58; gravel 60; coarse sand 92; stony clay hardpan 128; grey limestone 145. Water at 58 and 140. Brown clay 10; blue clay 30; hardpan stones 95; white hardpan 10; limestone 106. Water at 106. Clay 8; sand 108; gravel 105; clay hardpan 175; fine sand stones 181; limestone 195. Water at 192. Yellow clay 35; hardpan blue clay 95; coarse sand 102; clay 105; fine sand 115; dark brown limestone 129. Water at 95 and 125. Clay stones 26; coarse gravel 27; clay hardpan 75; sandy clay 81; fine stone 82; limestone 125. Water at 125. Brown clay 25; blue clay 60; hardpan stones 96; limestone 91. Water at 91. Brown clay 30; gravelly hardpan 29; gravel 83. Water at 83. Brown clay stones 20; blue clay stones 50; hardpan stones 109; limestone 112. Water at 112. Brown clay 25; blue clay stones 75; sand 90; hardpan 135; sand 151; brown rock 159. Water at 157. Sand 130; clay 190; hardpan 206; brown limestone 215. Water at 215. Clay 30; soft sticky clay 35; stony clay 40; sandy clay 154; fine gravel 155; fine sand 169; fine gravel 170; limestone 191. Water at 189. Yellow clay 8; gravel stones 38; blue clay 45; fine sand 98; coarse stone 81; hard grey limestone 85. Water at 81. Brown clay 20; blue clay 35; hardpan stones 95; white hardpan 101; white limestone 106. Water at 106. Fine sand 85; coarse sand 90; fine sand 120; clay 168; fine sand 200; broken limestone sand 210; dark brown limestone 220. Water at 218. Clay 19; gravel 25; sand 55; clay 76; gravel 79. Water from 76 to 78. Brown clay 20; sand gravel stones 80; hardpan stones 140; limestone 145. Water at 145. Topsoil 1; brown sand 25; brown clay sand 30. Water at 24. Sand 7; boulders 9; brown sand 65; fine sand 113; gravel hardpan 160; sand 162; gravel hardpan 189; sand 201; sandy hardpan 299; brown limestone 238. Water from 60 to 65, 170 to 172 and 236 to 238.
Con IX	" 5	K. McLeod & Sons	Oct. 24, 1963	5	6	60	55	"	D.S.	Brown clay 40; hardpan stones 97; soft limestone 108. Water at 108.
Con IX	" 10	L. Older	Sep. 5, 1963	5	8	110	55	"	D.S.	Clay 20; gravel 27; clay 45; gravel 60; clay stones 110; fine sand 195; brown limestone 150. Water at 146.
Con IX	" 31	S. Hertzler	Jul. 21, 1960	5	5	45	30	"	D.S.	Brown clay 30; blue clay stones 50; hardpan stones 119; grey limestone 125. Water at 124.
Con IX	" 33	J. Harkes	Nov. 7, 1963	4	8	78	73	"	D.S.	Clay 12; sand 15; clay stones 53; fine sand 56; clay stones 99; brown limestone 108. Water at 108.
Con X	" 1	E. House	Aug. 16, 1963	4	5	48	30	"	D	Brown clay 20; hardpan stones 70; limestone 75. Water at 75.
Con X	" 6	K. Hogg	Sep. 6, 1963	5	5	110	95	"	"	Brown clay 15; hardpan stones 140; limestone 148; hard rock 196; brown rock 198. Water from 196 to 198.
Con X	" 8	R. Hogg	Nov. 12, 1963	5	6	60	50	"	D.S.	Brown clay 40; hardpan 56; gravel 55; hardpan 128; gravel 131; grey rock 132. Water at 132.
Con X	" 9	P. Hogg	Aug. 9, 1963	4	8	60	50	"	D.S.	Clay hardpan 28; sandy clay 58; gravel 60; coarse sand 92; stony clay hardpan 128; grey limestone 145. Water at 58 and 140.
Con X	" 15	J. Chendler	Oct. 7, 1960	5	5	15	10	"	D	Brown clay 10; blue clay 30; hardpan stones 95; white hardpan 10; limestone 106. Water at 106.
Con X	" 23	E. Towle	Dec. 18, 1962	4	10	95	90	"	D.S.	Clay 8; sand 108; gravel 105; clay hardpan 175; fine sand stones 181; limestone 195. Water at 192.
Con X	" 31	J. Cappe	Nov. 13, 1961	4	8	65	60	"	D	Yellow clay 35; hardpan blue clay 95; coarse sand 102; clay 105; fine sand 115; dark brown limestone 129. Water at 95 and 125.
Con X	" 34	A. Hutton	Nov. 16, 1963	5	30	60	55	"	D.S.	Clay stones 26; coarse gravel 27; clay hardpan 75; sandy clay 81; fine stone 82; limestone 125. Water at 125.
Con XI	" 1	K. Caseron	Jun. 14, 1963	4	6	55	45	"	D	Brown clay 25; blue clay 60; hardpan stones 96; limestone 91. Water at 91.
Con XI	" 5	R. McDonald	Apr. 18, 1962	4	5	60	55	"	D.S.	Brown clay 30; gravelly hardpan 29; gravel 83. Water at 83.
Con XI	" 15	R. Cholder	Jan. 8, 1963	4	6	40	18	"	D	Brown clay stones 20; blue clay stones 50; hardpan stones 109; limestone 112. Water at 112.
Con XI	" 15	H. Barons	Oct. 31, 1963	5	6	40	35	"	D.S.	Brown clay 25; blue clay stones 75; sand 90; hardpan 135; sand 151; brown rock 159. Water at 157.
Con XI	" 23	G. Worle	May 5, 1962	4	6	100	90	"	D.S.	Sand 130; clay 190; hardpan 206; brown limestone 215. Water at 215.
Con XI	" 24	E. Towle	Nov. 8, 1963	4	10	57	57	"	S	Clay 30; soft sticky clay 35; stony clay 40; sandy clay 154; fine gravel 155; fine sand 169; fine gravel 170; limestone 191. Water at 189.
Con XII	" 8	J.F. McDonald	Dec. 29, 1962	4	8	63	35	"	D.S.	Yellow clay 8; gravel stones 38; blue clay 45; fine sand 98; coarse stone 81; hard grey limestone 85. Water at 81.
Con XII	" 16	L. Moore	Jul. 28, 1962	4 1/2	7	8	8	"	D	Brown clay 20; blue clay 35; hardpan stones 95; white hardpan 101; white limestone 106. Water at 106.
Con XII	" 22	B. Troyer	May 17, 1963	4	8	95	90	"	D.S.	Fine sand 85; coarse sand 90; fine sand 120; clay 168; fine sand 200; broken limestone sand 210; dark brown limestone 220. Water at 218.
Con XIII	" 4	J. Snetzinger	Nov. 2, 1962	5	400	10	10	"	D.S.	Clay 19; gravel 25; sand 55; clay 76; gravel 79. Water from 76 to 78.
Con XIII	" 11	V. McArthur	Jun. 22, 1963	5	5	85	70	"	D.S.	Brown clay 20; sand gravel stones 80; hardpan stones 140; limestone 145. Water at 145.
Con XIII	" 24	Sifton Constr.	Nov. 6, 1961	30	4	22	20	"	D	Topsoil 1; brown sand 25; brown clay sand 30. Water at 24.
Con XIII	" 24	Tree Top Resort	Sep. 12, 1962	4	8	130	90	"	D	Sand 7; boulders 9; brown sand 65; fine sand 113; gravel hardpan 160; sand 162; gravel hardpan 189; sand 201; sandy hardpan 299; brown limestone 238. Water from 60 to 65, 170 to 172 and 236 to 238.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. East Missouri Twp cont Con XIV lot 16	H. McCall	E.B. Hussey	Jul. 8, 1961	4	8	55	21	Fresh	D, S	Loam & hardpan boulders 15; gravelly hardpan sandstone 60; hardpan 85; gravelly hardpan shelly rock 95; heavy gravel sand 100; hardpan streaks sandstone 125; brown limestone 150. Water from 130 to 150.
East Oxford Twp. Con I lot 1	R.V. Murray	J.P. Vos	Dec. 12, 1961	4	6	30	21	Fresh	D	Hard clay 18; blue clay 43; hard blue clay 85; clay gravel 99; coarse gravel 101. Water at 99.
Con I " 1	B. Toes	Steinman & Baird	Apr. 5, 1962	4	8	60	29	"	D	Brown clay 6; grey clay 91; hardpan 104; brown shale 112; blue limestone 115; brown limestone 127. Water from 120 to 127.
Con I " 3	C. Koning	National Pump & Water Supply	Dec. 27, 1961	4	5	42	30	"	D, S	Brown clay 17; blue clay 54; fine silty sand 56; blue clay 79; medium fine sand 82; coarse sand gravel 85. Water at 54 and 79.
Con I " 3	D. Wyllie	J. Stefan	Jul. 8, 1963	4	10	65	25	"	D, S	Soft sandy clay 52; putty sand 66; clay sand streaks 82; hard clay 100; stony clay 102; grey rock 120. Water at 119.
Con I " 3	G. Jones	West Zorra Well Drillers	Oct. 16, 1961	4	8	46	22	"	D	Hard clay stones 15; blue clay 78; sand gravel 91. Water from 85 to 91.
Con I " 7	D. Palmer	E. Stewart	Nov. 23, 1960	5	5	19	14	"	D	Clay rocks 80; muck sand 120; brown limestone 140. Water at 139
Con I " 7	R. Roberts	N. Steinman	Dec. 22, 1961	4	10	32	13	"	D	Brown clay 26; grey clay 84; fine sand 94; grey clay 99; brown limestone 108; grey sandy clay 109; brown limestone 120. Water from 114 to 120.
Con I " 7	D. McFarland	Steinman & Baird	Jul. 8, 1962	4	12	26	14	"	D	Brown clay 29; grey clay 39; sandy clay 61; hardpan 68; clay 78; dirty sand 84; grey clay 99; brown limestone 103; blue clay sand 108; brown limestone 131. Water from 127 to 130.
Con I " 7	T. Boyce	National Pump & Water Supply	Mar. 2, 1963	4	14	17	15	"	D	Tonsol 14; sand 3; grey clay small stones 26; silt brown clay 51; sandy silt clay streaks 92; limestone 117. Water at 51 and 115.
Con I " 8	J.W. Browncombe	E. Stewart	Nov. 4, 1960	7	30	20	12	"	D	Clay hardheads 40; outcrop sand 89; brown limestone 120; brown limestone shale 141. Water at 110 and 114.
Con I " 10	W. Coe	Burwell & Yanitski	Feb. 27, 1961	4	6	63	70	"	D, S	Clay 72; gravel 122; hard white rock 163. Water at 163.
Con I " 13	D. Zilke	E. Stewart	Dec. 24, 1960	7	10	65	60	"	D, S	Clay rocks 80; outcrop sand 122; brown hard limestone 193; brown limestone shale 212; brown hard limestone 234; brown limestone sand 260. Water at 163 and 258.
Con I " 13	G. Inrich	"	Mar. 14, 1963	7	30	18	6	"	D, C	Sand clay boulders mixture 80; layer clay 109; coarse sand 112. Water from 110 to 112.
Con II " 11	C. Riach	Steinman & Baird	Aug. 24, 1963	4	12	60	43	"	D, S	Old well 6; grey clay 8; brown clay 103; gritty hardpan 121; broken limestone 133; greyish brown limestone 160. Water at 133.
Con II " 13	V. Canfield	E. Stewart	Jan. 10, 1961	7	30	50	42	"	D, S	Clay rocks 60; outcrop sand 127; brown limestone 210; brown limestone shale 215; brown limestone 225; brown limestone shale 230. Water at 220.
Con II " 14	H.C. Virtue	K. McLeod & Sons	Apr. 18, 1961	5	5	28	28	"	D, S	Brown clay 16; blue clay 40; sand 45; gravel 50; hardpan 59; gravel 100. Water at 190.
Con II " 19	P.U.C.	International Water Supply Ltd.	Aug. 27, 1962					"	T	Tonsol 1; gravel sand clay 2; clay 4; gravel sand clay boulders 20; gravel sand boulders 26; dirty hard gravel sand boulders 29; firm to hard clay gravel 65; softer clay gravel boulders sand silt 70; pecked to hard silty sand 75; hard backed clay gravel boulders 90; sand silt 91; brown clay gravel 94; brown limestone 95%. Water at 17.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
Con VI	W. Day	K. McLeod & Sons	Jan. 18, 1961	4½	5	40	35	Fresh	D,S	Brown clay 20; blue clay 40; hardpan 75; gravel 78. Water at 75.
Con VI	O. Kelner	"	Jul. 3, 1961	5	5	85	80	"	D,S	Blue clay 75; sand gravel 110; hardpan stones 115; gravel 120. Water at 118.
Con VI	G. Gracey	"	Oct. 12, 1961	4	6	17	15	"	D,S	Brown clay 30; hardpan stones 85; gravel 90. Water at 90.
Con VI	D. McLeod	"	Oct. 5, 1961	5	5	47	44	"	"	Hardpan 52; dirty gravel 89; gravel 91. Water at 91.
Con VI	S.S.# 7 Curries	N. Steinman	Feb. 10, 1962	5	12	60	57	"	P	Fill 2; brown clay 7; grey gritty hardpan 104; sand fine gravel 117½. Water from 116 to 117½.
Con VI	J. & T. Vanwyck	K. McLeod & Sons	Dec. 24, 1960	4	5	23	10	"	D	Brown clay 25; clay sand 90; hardpan stones 134; gravel 136. Water from 134 to 136.
Con VII	G. Mather	E. Hoover & Sons	Jul. 24, 1962	5	3	20	18	"	D,S	Clay 20; sand gravel 40; h. riben 42; gravel sand 45. Water from 42 to 45.
Con VII	E. Wallace	"	Apr. 17, 1961	5½	4	18	10	"	D,S	Topsoil 1; red clay 10; blue clay 66; gravel 67. Water at 67.
Con VII	D. Stephenson	Steinman & Baird	Feb. 27, 1962	5	15	20	16	"	D,S	Stony hardpan 43; grey sandy clay 82; sandy gravel 92. Water from 88 to 92.
Con VIII	C.M. Guider	E. Hoover & Son	Nov. 30, 1963	5	3	28	14	Sulphur	D,S	Clay boulders 38; grey limestone 87. Water at 86.
Con VIII	J. Neville	H. Wood	Dec. 3, 1963	5	8	16	16	"	D,S	Yellow sand 4; clay boulders 42; granite 70. Water at 42 and 70.
Con VIII	H. Hyndman	"	Dec. 10, 1963	5	8	9	8	Fresh	D,S	Yellow sand 3; clay boulders 43; grey rock 45. Water at 45.
Con VIII	J. Neville	"	Dec. 12, 1963	5	2	4	4	"	D,S	Old dug well 18; sand 26. Water at 19.
Con VIII	W. Beecraft	K. McLeod & Sons	Jul. 10, 1962	4	5	40	30	"	D,S	Brown clay 15; blue clay 40; gravel sand 75; gravel 78. Water at 78.
Con VIII	M. Russey	E. Hoover & Sons	Aug. 15, 1961	5	3½	46	40	"	D,S	Topsoil 2; clay stones 12; sand stones 30; sand 110; hardpan 115; sand 130. Water at 130.
Con VIII	H. Hanson	K. McLeod & Sons	Jul. 4, 1962	4	3	155	60	"	D,S	Brown clay 20; coarse sand gravel 45; quicksand 120; sand 160; hardpan 190; gravel 193. Water at 193.
East Zorra Twp.										
Con IX	E. Yunablutt	B. Haskell	Jul. 22, 1960	4½	10	49	33	Fresh	D	Blue clay 46; hardpan 102; soft sandy clay 120; hardpan 159; gravel 161. Water at 161.
Con IX	L. Smoker	J.P. Vos	Aug. 9, 1961	4	8	40	21	"	D,S	Old dug well 46; sand stones 55; sand 64; grey rock 66½. Water at 65.
Con IX	P. Staple	C. & H. Kerr	May 19, 1962	5	15	40	23	"	D	Soft clay 20; clay boulders 94; fine gravel 99. Water from 95 to 99.
Con X	A. Muir	B. Haskell	Jun. 20, 1960	4½	10	50	40	"	D	Clay stones 35; hardpan 78; dirty sand 94; clay 111; clay shale 118; limestone 126. Water at 126.
Con X	T. Phillips	"	Jun. 7, 1960	4½	15	23	12	"	D	Old well 65; hardpan 41; shale 91. Water at 91.
Con X	B.H. Hart	K. McLeod	Oct. 22, 1962	4	5	35	25	"	D	Brown clay 15; blue clay 50; hardpan 74; gravel 81. Water at 81.
Con X	W. Stone	J.P. Vos	Jun. 16, 1961	4	4	52	12	"	D	Sand clay 10; sand 22; blue clay 41; hardpan sandy soil 44; blue clay 60; sand 70; hardpan clay gravel 72; gravel sand 74. Water at 73.
Con X	J.S. Thorley	"	Jun. 30, 1961	4	6	60½	17	"	D	Sand clay 10; sand 22; blue clay 43; hardpan 45; blue clay 65; sand 70; hardpan 72; clay gravel 82; coarse gravel sand 85. Water at 84.
Con X	B. Sturris	Steinman & Baird	Mar. 26, 1963	4	15	34	30	"	D,S	Clay 7; gritty hardpan 88; fine sand 98; clay 104; shale 107; brown limestone 112. Water from 110 to 112.
Con X	L. Fye	National Pump & Meter Supply	Nov. 31, 1962	4	10	40	35	"	D,S	Old dug well 2; quicksand 29; grey sandy clay boulders 70; gravel 75. Water at 70.
Con X	W.J. Alexandra	N. Steinman	Jan. 31, 1962	4	12	65	54	"	D,S	Topsoil 2; stony hardpan coarse gravel 134; brown clay 142; grey hardpan 150; brown clay 178; brown shale 182. Water from 179 to 182.
Con X	P. Killing	B. Haskell	Jun. 1, 1960	4½	8	73	68	"	D	Clay 13; sandy hardpan 137; clay 158; sand 168; clay 184; sand 188.

East Zorra Twp - cont. Con X	lot 29	H. Wilhelm	W. Burwell	Dec. 31, 1963	5	10	40	35	Fresh	D, S	Clay 60;boulders 80; gravel clay 150; gravel 170; rock 172. Water at 172.
Con X	" 31	H. Hertzler	B. Haskell	Aug. 8, 1960	4 1/2	12	50	31	"	D	Clay 23; soft blue clay 104; horizon 116; soft clay 189; limestone 194. Water at 194.
Con XI	" 4	Woodstock PUC	International Water Supply Ltd.	Sep. 25, 1963					5-63	T	Tossall 2; soft clay gravel sand 23; soft clay gravel 33; broken gravel clay 44; limestone.
Con XI	" 4	"	"	Sep. 27, 1963					6-63	T	Tossall 2; clay gravel boulders 5; clay gravel 40; limestone 41.
Con XI	" 4	"	"	Oct. 1, 1963	1				Fresh	T	Tossall 2; clay gravel boulders 3; grey clay 17; coarse sand fine gravel clay 23; gravel sand clay 40; cemented gravel clay 45; limestone 46.
Con XI	" 5	"	"	Sep. 23, 1963					7-63	T	Tossall 1; sandy clay boulders 3; gravel sand clay boulders 5; grey clay 13; clay gravel 39; limestone 45.
Con XI	" 5	"	"	Oct. 3, 1963					4-63	T	Tossall 2; clay 6; soft clay gravel 18; hard clay gravel cemented streaks 54; broken gravel clay cemented streaks 79; limestone 86.
Con XI	" 5	"	"	Oct. 6, 1963					9-63	T	Hard clay gravel 19; gravel sand clay 50; hard pecked sand gravel clay 62; limestone 64.
Con XI	" 6	E.G. Karn	K. McLeod & Sons	Oct. 20, 1960	5	6	70	60	Fresh	10-63	Clay 50; horizon stones 95; shale 98; grey limestone 138. Water at 137.
Con XI	" 6	C. Brooks	N. Steinman	Oct. 24, 1960	4	12	31	36	"	D	Clay 14; sand 26; brown clay 61; dirty gravel 73; brown clay 101; shale 102. Water at 102.
Con XI	" 6	D. Tait	K. McLeod & Sons	Oct. 27, 1961	4	6	15	Flows	"	D	Brown clay stones 10; blue clay 27 1/2; fine gravel 28. Water at 28.
Con XI	" 6	J. Johnsky	"	Oct. 22, 1962	5	5	35	35	"	D	Brown clay 10; blue clay 50; horizon 75; gravel 70. Water at 79.
Con XI	" 6	G. Watling	G. C. Husey & Son	Jul. 17, 1963	4	20	45	10	"	D	Clay sand gravel 65; sand 66; coarse gravel 96; sand gravel 100; gravel rock 104. Water from 96 to 98 and at 102.
Con XI	" 7	D.D. Doering	Steinman & Baird	Jun. 12, 1963	4	8	45	26	"	D	Clay stones 47; gravel stones 62; grey clay 70; sand gravel 84; grey clay 93; gravel 96; sand 106; limestone 131. Water at 130.
Con XI	" 8	C. Burlett	C. & H. Kerr	Apr. 18, 1961	5	30	55	38	"	P	Clay 4; sand clay 6; stony clay 30; brown clay 75; stony clay 86; shale 89; grey limestone 128. Water at 114 and 128.
Con XI	" 12	D. Hart	Steinman & Baird	Jul. 4, 1963	5	18	50	29	"	D, S	Brown clay stones 24; grey clay stones 46; sand 77; sand gravel 90; sand 107; limestone 119. Water at 118.
Con XI	" 15	D. Smith	"	Oct. 29, 1963	5	12	130	50	"	D	Clay stones 37; gritty horizon 81; grey clay 94; gritty horizon 115; dirty gravel 123; gritty horizon 142; limestone 144; grey brown limestone 230. Water from 165 to 230.
Con XI	" 34	H. Alles	Hadco Well Drilling	Nov. 4, 1961	30	5	27	18	"	D	Tossall 1; brown clay 17; brown fine sand 20; grey clay rocks 28. Water at 17.
Con XII	" 4	P. Grant	G. Warren	Jan. 5, 1960	5	5	60	30	"	D	Tossall 6; gravel 32; clay stones 34; gravel 74; brown limestone 82; grey limestone 88. Water at 88.
Con XII	" 4	E. Outhbert	N. Steinman	Oct. 4, 1960	5	10	85	43	"	D	Fill 2; gravel horizon stones 27; brown clay 38; horizon 102; hard grey limestone 107. Water at 107.
Con XII	" 4	R. Dunn	K. McLeod & Sons	Apr. 7, 1961	4	6	60	50	"	D	Brown clay 1; horizon stones 67; grey limestone 90. Water at 90.
Con XII	" 4	B. Beaman	J. Stefan	Oct. 16, 1961	4	5	23	20	"	D	Coarse gravel 3; dirty fine sand 18; fine gravel 30; silty sand 41; hard clay 46; coarse gravel 47. Water at 46.
Con XII	" 4	A. Perry	K. McLeod & Sons	Jan. 18, 1962	4	5	60	40	"	D	Brown clay stones 40; dirty gravel 60; horizon 47; grey limestone 90. Water at 90.
Con XII	" 4	W. Payne	"	Feb. 15, 1962	4	4	60	30	"	D	Brown clay stones 40; dirty gravel 60; horizon 91; grey limestone 93. Water at 93.
Con XII	" 5	Woodstock PUC	International Water Supply Ltd.	Oct. 9, 1963					11-63	T	Tossall 1; clay 9; sand gravel clay 7; clay sand gravel 43; broken gravel rock 50; limestone 52.
Con XII	" 6	A.E. Mitchell	Steinman & Baird	Apr. 27, 1963	4	11	35	12	Fresh	D	Broken horizon 50; clay stones 34; gravel stones 58; limestone 70. Water at 70.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. East Zorra Twp., -cont. Con XII	A.E. Mitchell	Steinman & Baird	Apr. 27, 1963	4	11	35	12	Fresh	D	Stony hardpan 20; clay stones 34; gravel stones 58; brown limestone 70. Water at 70.
Con XII	D. Riley	"	Oct. 9, 1963	4	11	40	4	"	D	Stony sandy clay 18; sandy gravel 43; gravel 52; brown limestone 62. Water at 61.
Con XII	P. Sumsion	"	Jun. 30, 1962	4	14	34	25	"	D	Gravel stones 55; clay stones 58; hardpan stones 76; gravel 83. Water at 83.
Con XII	G. Roach	"	Nov. 6, 1962	4	10	30	22	"	D	Gravel stony clay 28; gritty clay 62; hardpan 74; dirty gravel 81; clean gravel 85. Water at 85.
Con XII	R. Jackson	B. Haskell	Sep. 16, 1960	4 1/2	6	48	40	"	D	Clay 14; hardpan stones 85; hard gravel 106; brown limestone 131. Water at 131.
Con XII	Hartholm Farms Ltd.	Steinman & Baird	Dec. 11, 1963	5	15	84	70	"	D, S	Gravelly clay stones 40; sand 50; gritty clay stones 68; sand 69; gritty clay stones 82; sand 105; hardpan 117; limestone 136. Water at 125.
Con XII	R. Pearson	"	Jan. 5, 1962	5	15	13	12	"	D	Old dug well 12; gritty hardpan 32; fine gravel 36. Water from 32 to 36.
Con XII	A. Henry	N. Steinman	May 22, 1961	5	12	15	7	"	D	Brown clay 54; grey clay 68; gravel 70. Water from 69 to 70.
Con XII	S. Loveys	"	Jul. 11, 1961	4	15	22	15	"	D	Brown clay 30; gravelly hardpan 80; clay 94; sandy gravel 134; shale 135. Water from 134 to 135.
Con XII	L. Curran	"	Jun. 28, 1961	4	15	21	13	"	P	Fill 3; grey clay 54; sandy clay 91; dirty gravel 114; brown clay 120; grey limestone 124. Water at 123.
Con XII	Steinman & Baird	"	"	"	"	"	"	"	"	"
Con XII	R. Yausie	Steinman & Baird	Dec. 9, 1963	7	15	25	13	"	D, S	Stony clay gravel 28; gravel 30. Water at 30.
Con XII	M.C. Bender	Burwell & Benitski	Feb. 9, 1961	3	15	15	13	"	D, S	Clay 30; clay stones 36; blue clay 100; gravel 105; grey rock limestone 129. Water at 129.
Con XII	M. Weir	E.B. Hussey	Feb. 21, 1961	4	8	45	38	"	D, S	Yellow clay stony boulders 50; sandy yellow clay streaks hardpan gravel stelly rock 100; hard brown limestone 115. Water from 103 to 115.
Con XIII	W. Hallock	Steinman & Baird	Jan. 25, 1963	4	20	35	16	"	D, S	Fill 3; hardpan boulders 45; sand gravel 62; clay 70; sand gravel 119; greyish brown limestone 134. Water at 131.
Con XIII	A. Luth	"	Apr. 18, 1963	4	9	30	10	"	D	Boulders stony hardpan 45; broken rock 46; grey brown limestone 66. Water from 63 to 66.
Con XIII	L. Hallock	"	May 5, 1962	4	8	51	10	"	D, S	Brown clay 12; stony grey clay 38; grey hardpan 45; brown shale 63; brown limestone 78; mud 79; brown limestone 97. Water from 95 to 97.
Con XIII	R. Carter	N. Steinman	Jul. 15, 1960	4	10	13	Flows	"	S	Dark clay 12; shale 124; brown limestone 143. Water from 140 to 143.
Con XIII	S. Wilker	Steinman & Baird	Feb. 18, 1963	4	10	50	12	"	D, S	Brown clay 20; grey clay 62; grey hardpan 86; rock slab 92; sand gravel 102; brown limestone 134. Water from 127 to 134.
Con XIII	H. Kaufman	N. Steinman	Dec. 11, 1961	4	12	20	8	"	D, S	Brown clay 31; blue clay 33; dirty fine sand 86; hardpan 114; brown shale 127; brown limestone 128. Water at 127 and 128.
Con XIV	R. Hart	D. Ghent	Aug. 11, 1961	4	4	50	38	"	D	Brown clay boulders 14; blue clay 20; clay stones 44; hardpan 102.
Con XIV	I. Moyer	N. Steinman	Sep. 27, 1961	4	9	57	21	"	D, S	Blue clay 97; grey limestone 102; Water at 102.
Con XIV	W. Wilker	"	Apr. 19, 1961	4	12	30	4	"	D, S	Gritty clay 15; grey clay 41; stony hardpan 68; grey limestone 94; hard grey limestone 115. Water from 106 to 113.
Con XV	J. Thornton	Steinman & Baird	Sep. 17, 1962	4	8	68	4	"	D, S	Brown clay 12; grey clay 79; hardpan 128; rock slabs 136; brown limestone 143. Water from 130 to 143.
Con XV	C. Scott	"	Jun. 7, 1962	4	7	35	23	"	D, S	Sandy loam 3; gravel stones 61; Water #100.
Con XV	T. Currah	"	Aug. 4, 1963	5	17	41	16	"	D, S	Stony brown clay 12; stony grey clay 20; grey clay 37; brown limestone 46; hard grey limestone 67. Water from 46 to 67.
Con XV	"	"	"	"	"	"	"	"	"	Sandy gravel clay 42; broken limestone 43; greyish brown limestone 51. Water from 42 to 51.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
OXFORD COUNTY -cont. Embro Village Embro Vls.	C.A. Campbell	E.B. Hussey	Apr. 14, 1961	4	3	60	58	Fresh	D, S	Sandy loam streaks 17; mudsandy sandy bluish clay streaks 18; fine sand 55; shell rock gravel fine sand 67; sandy brownish clay 100; streaks shell rock gravel small stones 117; soft brown broken limestone 124; hard brown limestone 140. Water from 124 to 140.
	J. Graham	K. McLeod & Sons	Dec. 3, 1963	5	6	18	14	"	D, S	Brown clay 12; coarse gravel stones 40; hardpan stones 95; gravel 97. Water at 97.
	Boy Scout Camp G. Shelton	K. McLeod & Sons	Aug. 9, 1960 Aug. 16, 1961	4 1/2 4	6 5	15 55	15 45	Fresh "	P D, S	Stones firm gravel 39; gravel. Water at 39. Brown clay 15; grey clay pebbles 40; hardpan stones 101; white hardpan 107; grey limestone 113. Water at 113. Sand gravel boulders clay 5; brown clay 8; gravel sand boulders 12; sandy blue clay gravel boulders 69; grey limestone 71. Black mud 4; grey brown clay 6; coarse gravel boulders sand 14 blue clay 29; coarse gravel boulders clay 36; boulders grey clay gravel hard packed streaked 39; sandy clay gravel hard packed 59; coarse gravel sand boulders 65; sandy clay gravel hard packed 70; cemented sand gravel 72; sandy grey clay gravel 83; brown limestone 87.
Ingersoll Town Ingersoll Town Ingersoll Town Ingersoll Town Ingersoll Town	"	International Water Supply Ltd.	Jun. 26, 1962 Jun. 28, 1962	"	"	"	"	"	T 2-62	Brown clay 3; boulders gravel sand clay 15; sandy blue clay gravel boulders hard packed 51; sand gravel boulders 54; brown clay sand gravel hard packed 70; brown limestone 72. Sand 94; coarse gravel sand boulders 17; brown sandy clay gravel boulders hard packed 23; sandy blue clay gravel boulders 48; sandy blue grey clay gravel streaks hard packed 71; coarse gravel sand boulders 77; sandy blue clay gravel hard packed 80; broken limestone 83.
	"	"	Jul. 3, 1962	"	"	"	"	"	T 3-62	Brown clay 3; boulders gravel sand clay 15; sandy blue clay gravel boulders hard packed 51; sand gravel boulders 54; brown clay sand gravel hard packed 70; brown limestone 72.
	"	"	Jul. 9, 1962	2	30	17	12	Fresh	T 4-62	Sand 94; coarse gravel sand boulders 17; brown sandy clay gravel boulders hard packed 23; sandy blue clay gravel boulders 48; sandy blue grey clay gravel streaks hard packed 71; coarse gravel sand boulders 77; sandy blue clay gravel hard packed 80; broken limestone 83.
North Norwich Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I Con I	B. McLellan P. Choe V.A. Waud	E. Hoover & Sons K. McLeod & Sons	Jan. 13, 1961 Mar. 25, 1962 Mar. 30, 1961	5 5 1/2 5	3 3 5	15 30 14	12 20 12	Fresh " "	D, S D, S D, S	Tonsell 2; gravel sand 50; brown limestone 53. Water at 53. Clay 2; clay stones 40; gravel stones 74. Water from 70 to 74. Brown clay 14; red sand 25; blue clay 40; sand 70; gravel 72. Water at 72.
	G. Malcolm	J. Stefan	Apr. 15, 1961	4	10	22	11	"	D	Soft sandy clay 19; hard gravelly clay boulders 66; dirty gravel 73; medium clean gravel 75. Water at 73.
	G.J. Hill	E. Hoover & Sons	May 9, 1962	5 1/2	4	35	20	"	D	Clay 10; clay sand 40; stones clay 60. Water at 67.
	F. McGurdy	K. McLeod & Sons	Jul. 17, 1962	4	6	25	15	Sulphur	S	Brown clay 15; blue clay 50; hardpan 80; white limestone 84. Water at 84.
	L. Buckrel	E. Hoover & Sons	Dec. 20, 1963	5	3	26	15	Fresh	D, S	Tonsell 5; clay boulders 45; clay gravel 60; gravel sand 91. Water at 90.
	B. Fewster	G. Warren	Nov. 14, 1960	5	5	55	22	"	D	Clay stones 27; dirty gravel 51; sand 68; dirty gravel 79; fine gravel 106; gravel 107. Water from 79 to 107.
	D. Myers	"	Nov. 3, 1960	5	10	20	17	"	D	Gravel stones 20; clay 32; gravel 33. Water from 32 to 33.
	J. Schaafsma	E. Hoover & Sons	Nov. 22, 1960	5	3	20	15	"	D	Tonsell 2; blue clay 59; sand 60. Water at 60.
	A. Gilmour	"	Jan. 10, 1961	5	6	"	Flows	"	D	Tonsell 2; blue clay 115; gravel 130; brown limestone 135. Water at 135.
	B. McMillen	J.H. Weaver & Son	Aug. 4, 1962	1	8	"	5	"	N	Open pit 5; coarse gravel 20. Water at 5.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
North Norwich Twp. cont.										
Con IV lot 12	A. Hanson	K. McLeod & Sons	Dec. 12, 1963	5	5	65	50	Fresh	D, S	Brown clay 15; blue clay 60; sand 65; hardpan stones 113; fine gravel 114. Water at 114.
Con IV	W. Bertrand	E. Hoover & Sons	May 1, 1961	5	3	25	20	"	D, S	Topsoil 3; clay stones 12; silt sand 25; blue clay 55; gravel 106. Water at 106.
Con IV	C.R. Bertrand	"	Apr. 12, 1961	5	3	23	20	"	D, S	Topsoil 2; clay stones 25; silty sand clay 60; blue clay 70; sand gravel 82. Water at 82.
Con IV	H. VanNuland	K. McLeod & Sons	Jun. 12, 1962	5	3	60	53	"	D, S	Brown clay 15; blue clay 50; gravel 63. Water at 63.
Con IV	I. McIntyre	E. Hoover & Sons	Dec. 30, 1960	4	3	20	12	"	N	Topsoil 3; red clay 10; blue clay 30; silt 55; gravel 56. Water at 56.
Con IV	C. Fawcett	G. Warren	Aug. 23, 1960	5	5	65	56	"	D, S	Clay 27; gravel 35; clay stones 72; dirty gravel 77; gravel 79. Water at 79.
Con V	S. Mott	E. Hoover & Sons	Feb. 7, 1962	5	3	30	28	"	E	Topsoil 1; grey sand 20; hard cemented sand gravel 47; gravel 49. Water at 49.
Con V	F. Oerlton	"	Jul. 6, 1961	5	3	35	25	"	D	Clay 20; stones clay 55; sand gravel 60. Water at 60.
Con V	J. Moore	G. Warren	May 11, 1963	5	10	55	47	"	D	Yellow clay boulders 11; silt gravel 23; grey clay 34; gravel 47; stones 72. Water from 71 to 72.
Con V	P. Fillipovits	"	May 6, 1963	6	8	26	20	"	D, S	Brown clay 10; blue clay 30; dirty gravel 57; clean gravel 59. Water at 59.
Con V	Pollard Dairy	K. McLeod & Sons	Mar. 25, 1963	5	6	55	50	Sulphur	D, S	Brown clay 20; blue clay 45; blue clay sand bars 60; blue clay 150; white hardpan 152; limestone 160. Water at 160.
Con V	D. Sackrider	E. Hoover & Sons	Dec. 28, 1960	5	3	15	9	Fresh	D, S	Topsoil 3; red clay 8; blue clay 25; fine sand 40; blue clay 73; gravel 75. Water at 75.
Con V	E. Pritchard	"	Feb. 28, 1961	5	6	18	9	Sulphur	D, S	Previously drilled 75; blue clay stones 151; brown limestone 155. Water at 154.
Con V	Newark United Church	K. McLeod & Sons	May 20, 1960	4 1/2	6	16	15	Fresh	P	Blue clay 87; gravel 88. Water at 97.
Con V	R. Sims	"	Nov. 16, 1960	5	6	30	24	"	D	Blue clay 100; hardpan stones 122; brown limestone 127. Water at 126.
Con VI	E.M. Vandenbergh	P.V.K. & Sons Soil Testing	Jul. 14, 1962	2	8	17	17	"	Ir	Topsoil 1; sand 24; sand stone 46. Water at 17.
Con VI	J. Pathy	R. Hodgson	Jul. 16, 1962	2	60	14	14	"	Ir	Clay 3; sand clay 14; sand 25. Water from 10 to 25.
Con VI	L. Miller	W. Burwell	Nov. 7, 1963	5	5	30	25	"	S	Clay 3; sandy clay 45; gravel 54. Water at 54.
Con VI	J. Shetler	G. Warren	Apr. 5, 1960	5	10	29	7	"	N	Clay 6; loose gravel 20; gravel sand boulders 81; sand 92. Water from 81 to 92.
Con VI	"	E. Hoover & Sons	Oct. 12, 1961	5	3	45	35	Sulphur	D, S	Hardpan 20; red clay blue clay 136; gravel sand 137. Water at 135.
Con VI	Menonite School	"	Sep. 6, 1963	5	3	60	45	Fresh	P	Topsoil 3; mucky dirt 5; red clay 25; blue clay 84; gravel sand 85. Water from 84 to 85.
Core	A. VanTorre	S. DeGroat	Apr. 21, 1960	1	6	18	18	"	D	Dark loam yellow sand 5; gravel 25. Water at 18.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
North Oxford Twp.										
Con I	G. Collins	K. McLeod & Sons	May 27, 1963	4	16	20	7	Fresh	D	Brown clay 20;sand 23;hardpan stones 95;grey limestone 100. Water at 100.
Con I	H. Patience	"	Nov. 17, 1961	4	4	110	60	"	D,S	Brown clay 10;dirty gravel 25;hardpan stones 106;grey limestone 160. Water at 148.
Con I	L. Hutchinson	"	Sep. 1, 1960	5	5	55	35	"	D,S	Brown clay 20;hardpan stones 120;white hardpan 125;limestone 177. Water from 150 to 177.
Con I	R. Larder	National Pump & Water Supply	Dec. 7, 1963	4	7	45	45	"	D	Brown clay 15;grey clay 60;hardpan boulders 107;rouleessand 115;grey hardpan 117;fine gravel 126. Water at 112 and 118.
Con I	S. N-neckivell	K. McLeod & Sons	Aug. 7, 1962	4	6	35	20	"	D,S	Brown clay stones 20;blue clay 40;hardpan stones 75;gravel sand 88;white limestone 110. Water at 110.
Con I	M. Armstrong & K. Madelin	"	Aug. 15, 1960	4	4	145	140	"	D	Previously drilled 148;grey limestone 170. Water at 168.
Con I	A. Crawford	N. Steinman	Dec. 16, 1960	4	5	130	118	"	D	Brown clay 59;hardpan stones 122;brown grey limestone 146. Water from 135 to 146.
Con I	L. Beckham	K. McLeod & Sons	Dec. 12, 1960	4	6	65	60	"	C	Stony hardpan 131;shale 132. Water at 132.
Con I	L. Fallowfield	Steinman & Baird	May 11, 1963	4	8	80	70	"	D	Clay stones 55;hardpan 64; sandy clay 93;brown limestone 114; dark brown limestone 130. Water at 130.
Con I	M. Sutherland	K. McLeod & Sons	Mar. 19, 1962	4	6	68	68	"	D	Brown clay 15;dirty gravel stones 45;hardpan 140;white hardpan 148;grey limestone 150. Water at 150.
Con I	B. Amos	"	Apr. 5, 1962	4	6	58	58	"	D,S	Brown clay 15;dirty gravel stones 65;hardpan 142;limestone 144. Water at 143.
Con I	J.E. Brantow	"	Sep. 6, 1961	4	4	30	15	"	D	Gravel stones 14;blue clay 25;hardpan 34;grey limestone 60. Water at 60.
Con II	G. Millson	E.B. Hussey	Oct. 3, 1962	4	5	37	16	"	D	Old dug well 16;hardpan 55;gravelly hardpan 62;gravel. Water from 55 to 62.
Con II	K.W. Millson	"	Dec. 3, 1962	4	5	55	12	"	D	Old dug well 20;sandy clay 45;hardpan 50;hardpan stones 55; hardpan 24;small boulders 70;hardpan stones 67;gravelly hardpan small stones 92. Water from 90 to 92.
Con II	A. Blackhall	K. McLeod & Sons	Oct. 9, 1963	4	5	25	6	"	D	Brown clay 10;blue clay stones 69;gravel 70. Water at 70.
Con II	D. Dibble	"	Oct. 11, 1962	4	5	27	22	"	D,S	Brown clay 20;hardpan 80;gravel 83. Water at 83.
Con II	I. Howe	"	Sep. 14, 1960	5	5	25	18	"	D,S	Brown clay 25;hardpan stones 94;gravel 96. Water at 96.
Con II	Dunn Bros.	"	Mar. 18, 1961	4	4	23	5	"	D,S	Brown clay 17;blue clay 25;hardpan 60;grey limestone 100. Water at 98.
Con II	A. Goncharenko	"	May 31, 1961	5	6	60	28	"	D,S	Brown clay 12;blue clay 35;hardpan 92;limestone 97. Water at 97.
Con II	W.R. Henderson	"	Dec. 30, 1963	5	6	70	30	"	D,S	Gravel 20;blue clay 40;hardpan stones 67;gravel 68;hardpan stones 92;limestone 152. Water at 95 and 150.
Con III	R. Paton	"	Jul. 25, 1961	4	6	45	30	"	D	Brown clay 17;grey clay pebbles 45;hardpan stones 100;grey limestone 105. Water at 105.
Con III	C. Milner	"	Feb. 25, 1961	5	5	28	26	"	D,S	Brown clay 15;blue clay 45;hardpan stones 107;grey limestone 120. Water at 118.
Con III	K. McLeod	"	Apr. 20, 1961	5	6	26	20	"	D	Brown clay 10;gravel stones 80;grey limestone 93. Water at 83.
Con IV	P.J. Molner	E. Stewart	Oct. 2, 1962	5	5	115	100	"	D,S	Yellow clay 20;yellow clay hard heads gravel mixture 118;hard blue clay 123;light grey limestone 155. Water at 133 and 155.
Con IV	B. McDermott	K. McLeod & Sons	Nov. 25, 1960	4	6	80	75	"	C	Hardpan stones 110;grey limestone 111. Water at 111.
Con IV	Ingersoll P.C.	International Water Supply Ltd.	Jul. 26, 1963	12	4	77	42	"	T	Tonsil 1;coarse sand 10;clay gravel 24;broken limestone 33; gravel limestone 38; light blue limestone 42;brown limestone 46; gravel limestone 44; Water at 133 and 292.
PNID Con I	D. Horsack	K. McLeod & Sons	Nov. 1, 1961	6	50	62	55	"	P	Old well 92;grey limestone 252. Water at 104, 132, 155, 190, 235, 239, 245 and 250.
Con I	"	"	Oct. 10, 1964	8	70	80	55	"	D,S	Gravel at base 33;hardpan 90;grey limestone 250. Water from

Free Methodist Church	K. McLeod & Sons	Oct. 9, 1962	4	70	12	Fresh	D	Brown clay stones 15; gravel stones 35; hardpan 55; gravel 63; limestone 75. Water from 70 to 75.
M.B. Skinner	"	Sep. 2, 1963	4	5	75	"	D, S	Brown clay 16; blue clay 40; hardpan stones 108; limestone 116.
E. Brown	"	Jun. 29, 1963	6	6	35	"	In	Sand 50; hardpan 65; sand 70; hardpan 94; brown rock 95. Water at 95.
C. Waring	"	Aug. 3, 1963	5	45	22	Sulphur	D, S	Brown clay gravel 25; blue clay 55; hardpan stones 68; shale 71; hard rock 77. Water from 74 to 77.
London EUC	International Water Supply Ltd.	May 18, 1962	10				T	Topsoil sand 4; cemented sand fine sand 10; compact sandy clay 23; compact sandy clay fine gravel 43; cemented clay gravel 60.
"	"	May 24, 1962					T	Topsoil 1; brown clay 5; sand gravel boulders clay 12; clay gravel boulder 44; clay boulders 56; rock 58.
"	"	May 26, 1962					T	Topsoil 1; sandy clay 3; clay boulders 9; clay 12; sand gravel boulder 15; sandy clay 20; clay gravel hard boulder 52; gravel 53; gravel clay 55; clay boulders 62; rock.
"	"	Jun. 18, 1962					T	Topsoil 1; sandy clay 5; boulders 6; sand gravel 25; gravel boulders 27; silt sand gravel 35; blue clay 44; clay boulders 57; gravel 58; rock.
"	"	Jun. 19, 1962					T	Topsoil 1; sandy clay 7; clay sand gravel 13; gravel rusty colour boulders 22; soft brown silty clay 44; blue clay 50; hardpan 58; rock 59.
"	"	Sep. 20, 1962					T	Topsoil 2; soft yellow clay streaks sand 7; dirty gravel 36; silty clay 45; rock.
"	"	Jun. 1, 1962	1		6	Fresh	119-62	Topsoil 4; sand wood 7; sand gravel 13; black muck 15; silt fine sand 20; silt sand gravel 41; blue clay 47; clay boulders 56; rock.
"	"	Jun. 6, 1962					T	Topsoil 1; sand wood 4; sand boulders 12; silt 27; soft clay 30; sharp gravel boulders 36; gravel 40; clay 47; clay boulders 57; rock.
"	"	Jun. 8, 1962					T	Topsoil 4; gravel 12; silt 18; gravel boulders 30.
"	"	Jun. 11, 1962					T	Topsoil 3; gravel 12; silt 21; boulders 26; clay 36.
"	"	Jun. 13, 1962					T	Topsoil 3; gravel boulders 22; clay 23.
"	"	Aug. 14, 1962					T	Sandy loam 8; coarse gravel sandy clay 15; silt fine sand 20; coarse sand fine gravel 34; coarse gravel coarse sand 40; sandy clay gravel 42.
"	"	Aug. 16, 1962					T	Sandy loam 6; sand fine gravel 10; coarse gravel 15; coarse gravel sand sandy clay 20; coarse sand fine gravel 33; coarse gravel sand 41; sandy clay gravel 43.
"	"	Aug. 17, 1962					T	Sandy loam 8; sandy clay gravel 11; coarse gravel 14; coarse sand fine gravel 23; coarse sand fine gravel 32; coarse sand gravel 36; fine silty sand 40.
"	"	Aug. 20, 1962					T	Sandy loam 6; coarse gravel 12; silty sand 14; fine gravel coarse sand 27; coarse sand fine gravel 30; coarse gravel sand 38; silty sand 40.
"	"	Aug. 21, 1962					T	Sandy loam 7; coarse gravel 13; silty sand 18; fine gravel coarse sand 33; coarse gravel sand 40.
"	"	Aug. 28, 1962	10	307	26	Fresh	T	Sandy loam 8; coarse gravel sand silt 19; coarse sand fine gravel 33; coarse sand gravel 37; silty sand clay gravel 46.
"	"	Sep. 9, 1962					T	Topsoil 1; coarse gravel sand 10; fine sand 25; sand gravel 28; coarse gravel sand 36; sand silt 37.
"	"	Sep. 12, 1962					T	Topsoil 1; sandy loam 11; fine sand fine gravel silt 23; gravel sand 26; cemented gravel sand 34.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. North Oxford Twp. cont PND Con V lot 20	London PUC	International Water Supply Ltd.	Sep.14,1962						T	Sandy loam 4;gravel sand 15;fine sand 20;coarse gravel 25; silty sand sandy clay 36;sandy clay gravel 46;cemented gravel rock.
PND Con V " 20	"	"	Sep.21,1962	10					T	Tonsoil 3;gravel clay 20;coarse clean gravel boulders 26; silty sand clay 30;gray clay 34.
PND Con V " 20	"	"	Nov. 8,1962	451	27	5		Fresh	T	Tonsoil 2;dirty sand roots 10;fine sand silt" sand fine gravel clay 30;coarse sand gravel small boulders 42;clay 45.
PND Con V " 20	"	"	Nov. 9,1962			7		"	T	Tonsoil 2;dirty sand gravel 10;coarse sand gravel 18;sand fine gravel 30;coarse sand gravel boulders 41;clay gravel small boulders 42.
PND Con V " 20	"	"	Nov.12,1962					"	T	Tonsoil 3;dirty sand gravel 10;sand gravel 30;coarse sand gravel boulders 41;clay gravel small boulders 42.
PND Con V " 20	"	"	Nov.13,1962	10				"	T	Tonsoil 3;dirty sand gravel 10;sand fine gravel 25;sand gravel small boulders 20;sand gravel 13;clay sand gravel 45.
PND Con V " 20	"	"	Nov.14,1962					"	T	Tonsoil 2;sand gravel 25;coarse sand gravel 30;coarse sand gravel boulders 40;clay gravel small boulders 42.
PND Con V " 20	"	"	Nov.15,1962					"	T	Tonsoil 3;sand gravel 30;sand gravel boulders 40;clay sand 41.
PND Con V " 21	"	"	May 29,1962	10				"	T	Tonsoil 1;coarse gravel sand 10;cemented clay gravel 12; coarse gravel sand 21;silty sandy clay 38;clay gravel 46; cemented gravel 50;rock 52.
PND Con V " 21	"	"	Jun. 5,1962	10				"	T	Tonsoil wood 4;gravel clay 7;coarse gravel 10;boulders 12; sandy clay fine gravel 43;sandy clay fine gravel 48;rock.
PND Con V " 21	"	"	Jun.15,1962	<				"	T	Tonsoil 1;sandy clay 4;gravel boulders 15;barban 26.
PND Con V " 21	"	"	Jun.21,1962	10				"	T	Gravel 12;fine gravel clay 25;cemented clay gravel 45;rock 47. Water at 2
PND Con V " 21	"	"	Sep.18,1962					"	T	Coarse gravel boulders 17;yellow clay gravel 19;gray clay 43.
PND Con V " 22	"	"	Jun.12,1962	10				"	T	Tonsoil 1;sandy clay 3;sandy clay fine gravel 20;fine gravel clay 24;soft sandy clay fine gravel 34.
PND Con V " 22	"	"	Jun.14,1962	10				"	T	Sandy soil 7;fine gravel sand clay 13;coarse gravel sand silt 17;sandy clay fine gravel 21;coarse gravel sand 33;soft sandy clay 52;cemented gravel clay 53; rock. Water at 21.
PND Con V " 22	"	"	Jun.18,1962	10				"	T	Tonsoil sandy soil 5;fine gravel clay 14;coarse gravel sand 19;fine gravel sandy clay 43. Water at 14.
PND Con V " 22	"	"	Jun.26,1962	10		2*		"	T	Gravel sand 5;sand silt 12;gravel sand 42;gravel sand clay 45;cemented gravel 48;rock. Water at 12.
PND Con V " 22	"	"	Jun.29,1962	10				"	T	Dirty gravel 4;sand silt 10;dirty gravel sand clay 36;sandy clay gravel 47;cemented gravel sand 53;rock.
PND Con V " 23	"	"	Jun.21,1962	5				"	T	Tonsoil 1;sandy clay 4;sand 7;gravel boulders white clay 12; cemented gravel boulders 32.
PND Con V " 23	"	"	Jun.25,1962	5				"	T	Tonsoil 1;sandy clay 4;gravel boulders cemented 10.
PND Con V " 23	"	"	Jul. 5,1962	10				"	T	Tonsoil 1;sand 6;sand fine gravel 16;sand 24;cemented coarse gravel 28;dirty fine gravel sand 30;clay fine gravel 48;rock 51.
South Norwich Twp. Con VII lot 6	V.Vankerre- broeck	H. Wood	Oct.11,1962	5	10	20	21	Fresh	D,S	Yellow sand 11;clay 20;coarse sand 29. Water from 21 to 29.

Con VII	J. Miller	E. Hoover & Sons	May 26, 1960	5	3	25	20	Fresh	D	Topsoil 2; blue clay 120; clay stones 127; gravel 128. Water at 128.
Con VII	" 24	R. Lapier	Feb. 4, 1960	5	10	70	35	"	D, S	Yellow clay stones 20; grey clay 62; dirty gravel 90; fine gravel 91. Water at 91.
Con VII	" 27	E. Monk	Aug. 17, 1963	5	6	60	50	"	D, S	Brown clay 12; sand 16; clay 46; gravel 106; blue clay 145; limestone 148. Water at 148.
Con VIII	" 2	R. Vuylsteke	Apr. 15, 1960	2	60		6	"	Ir	Fill 3; yellow sand 12; clay 15; brown sand 18; coarse sand 25. Water from 18 to 25.
Con VIII	" 8	B. E. Strudwick	Feb. 7, 1961	5	10	18	12	"	D, S	Open hole 4; yellow sand 17; soft grey clay 25; putty sand 55; clay stones 98; limestone 92. Water at 95.
Con VIII	" 9	J. Vandekerckhove	Aug. 3, 1961	5	8	35	24	"	D, S	Yellow sand 26; grey clay 102. Water at 102.
Con VIII	" 11	Dalton Farm	Apr. 26, 1962	5	6	42	36	"	D, S	Yellow sand 36; gravel 37; clay stones 50; putty sand clay 70; grey clay 100; brown limestone 103. Water at 103.
Con VIII	" 15	W. Klemka	Jan. 22, 1963	4	400	17	17	"	Ir	Topsoil 2; sand 38. Water at 17.
Con VIII	" 21	S. Cooper	Apr. 16, 1963	2	3	35	20	"	D	Topsoil 2; coarse stone 6; blue clay 17; fine sand 19; blue clay 59; medium sand 61. Water at 17 and 59.
Con IX	" 8	P. E. Church	Jul. 12, 1962	2	100		14	"	Ir	Topsoil 2; yellow sand 1; sand gravel 28. Water from 15 to 28.
Con IX	" 9	A. Belaeen	Jul. 22, 1963	3	60		6	"	Ir	Top sand 2; yellow sand 2; hard sand 15; gravel sand 21. Water from 15 to 21.
Con IX	" 21	Springford Water Works	Nov. 28, 1962	7	12	79	40	"	F	Yellow sand 9; soft grey clay 31; hard red clay stones 39; grey clay 73; coarse sand 70. Water from 73 to 79.
Con IX	" 23	W. Kiddle	Feb. 7, 1961	5	10	85	75	"	D, S	Yellow clay 25; grey clay stones 102; fine sand 123; fine gravel 128. Water from 123 to 28.
Con X	" 9	A. Juhasz	Aug. 31, 1962	5	5	60	32	"	D, S	Open hole 16; yellow sand 27; white putty sand 50; grey clay stones 62; putty sand 58; fine sand 86. Water from 78 to 86.
Con X	" 10	A. & S. Sabo	Jun. 10, 1960	7	30	22	18	Sulphur	Ir	109; hard brown limestone 104; brown limestone 105; grey shale 109; hard brown limestone 109; fine sand 86. Water from 78 to 86.
Con X	" 10	V. Szycko	Apr. 10, 1963	5	10	75	65	Fresh	Ir	Sandy brown loam 25; blue clay 60; quicksand 95; clay horizon 109; hard brown limestone 109; fine sand 86. Water from 78 to 86.
Con X	" 19	E. M. Hicks	Mar. 2, 1960	5	2 1/2	132	38	Sulphur	Ir	Grey shale 109; hard brown limestone 109; fine sand 86. Water from 78 to 86.
Con X	" 19	R. Adlington	Mar. 24, 1960	5	5	100	65	Fresh	D, S	Sand 35; putty sand 110; clay 130; limestone 134. Water at 134.
Con X	" 20	O. Denny	Jul. 16, 1960	5	7	40	36	Sulphur	D, S	Yellow sand 20; putty sand 25; grey clay stones 45; soft grey clay 84; hard clay stones 12; soft clay 130; grey limestone 146. Water at 146.
Con X	" 21	R. Mason	Feb. 20, 1960	5	7	65	45	Fresh	D	Old well 6; yellow sand 28; clay pebbles 135; grey limestone 147. Water at 147.
Con X	" 26	J. Desjardine	Sep. 9, 1960	5	5	80	40	Fresh	D	Yellow sand 19; grey clay stones 91; gravel 95. Water at 95.
Con X	" 26	D. E. Cooper	Feb. 1, 1962	5 1/2	5	60	32	"	D	138. Water from 134 to 138.
Con X	" 26	M. L. Cowan	Mar. 16, 1962	5 1/2	5	60	30	"	D	Yellow clay 18; grey clay 83; putty sand 85; grey clay 134; sand 138. Water from 134 to 138.
Con X	" 26	A. De Vos	Aug. 1, 1962	5	7 1/2	65	35	"	D	Blue clay 82; coarse sand gravel 87. Water from 82 to 87.
Con X	" 26	T. E. Masecar	Aug. 30, 1962	5	5	70	50	Sulphur	D	Blue clay 29; coarse sand gravel 84. Water from 84 to 87.
Con X	" 27	J. Martin	May 26, 1961	8	5 2/2	110	63	Fresh	Ir	Bed clay boulders 20; blue clay 75; gravel 75. Water at 75.
Con X	" 27	V. Pinsonneault	Nov. 20, 1963	3	3	55	40	"	D	Grey limestone 156. Water at 156.
Con XI	" 21	E. DeSutter	Apr. 20, 1962	1	8		18	"	Ir	Yellow sand 156. Water at 156.
Con XI	" 21	A. Dillis	Jun. 2, 1962	1	8		25	"	Ir	Yellow sand 156. Water at 156.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
South Norwich Twp. Cont.										
Con XI	E. DeSutter	J.H. Weaver & Son	Apr. 17, 1962	1	4		18	Fresh	D	Topsoil 1; yellow sand 3; brown pebbles clay 11; white sand 14; brown clay 18; blue quicksand 24; water at 18.
Con XI	"	W. Burwell	Sep. 26, 1962	5	5		200	Sulphur	D	Sand 10; blue clay 20; putty sand 20; blue clay 106; limestone 265; fine 357. Water at 357.
Con XI	"	J.H. Weaver & Son	Aug. 20, 1963	1	2		18	Fresh	D	Old well 19; blue putty sand 29. Water at 18.
Con XI	M. Smith	W. Burwell	Oct. 26, 1963	5	8		35	Sulphur	D	Clay 50; putty sand 70; clay 83; rock 84. Water at 84.
Con XI	J. Koteles	Burwell & Evanitski	Jun. 10, 1961	5	15		34	Fresh	D	Sand 4; clay 30; putty sand 50; clay 89; gravel 94. Water at 94.
Con XII	Varga Farms Ltd.	J.H. Weaver & Son	May 16, 1963	1	8		11	"	D	Open pit 4; white sand 11; gravel quicksand 20. Water at 11.
Con XII	P. Osier	Apr. 29, 1961	1	8		15		"	D	Topsoil 1; yellow sand 5; white sand 15; brown quicksand 25. Water at 15.
Con XII	J. Gyulveszi	G. Warren	May 10, 1960	5		146		Sulphur	N	Yellow sand 15; pebbles sand 33; grey clay 95; clay stones 114; dark limestone 146. Water at 146.
Con XII	W. Atkinson	J.H. Weaver & Son	Sep. 21, 1961	1	8		19	Fresh	D	Topsoil 1; yellow sand 5; white sand 19; coarse sand 25. Water at 19.
Gore Con 10	E. DeDobbeleyn	G. Warren	Oct. 4, 1961	5	5	33		"	D	Clay stones 18; putty sand 42; fine sand 48. Water from 12 to 48.
Gore	J. Eber	Burwell & Evanitski	Apr. 6, 1961	5	10	33		"	D	Sand 10; clay 30; putty sand 80; clay 100; putty sand 110; clay 130; white limestone 133. Water from 130 to 133.
Gore	E. VanDerSpiegel	M.A. Belore	May 25, 1961	1	5		14	"	Ir	Dark sand 3; red sand 7; gravel sand 16; coarse sand 34. Water at 16.
Gore	D. McDonald	R. Rodzson	May 21, 1960	2	50		5	"	Ir	Topsoil 2; yellow sand 9; clay sand 14; coarse sand 20. Water from 14 to 20.
Tillsonburg Town										
Tillsonburg Town	Tillsonburg Pipe & Supply Co.	G. Warren	Jan. 7, 1960	5						Yellow sand 12; putty sand 25; soft clay 50; putty sand 85; clay 105; putty sand 135; clay stones 144; brown limestone 224. Dry hole.
Tillsonburg Town	Otter Valley Milk Producers Corp.	"	Feb. 27, 1960	5						Sand 27; clay stones 118; grey limestone 143. Dry hole.
Tillsonburg Town	"	"	Mar. 1, 1960	5	5	30		Fresh	In	Yellow sand 22; sand 28; clay 40. Water from 22 to 28.
Tillsonburg Town	"	"	Mar. 3, 1960	5	7	30		"	In	Yellow sand 20; sand 27; clay 38. Water from 20 to 27.
Tillsonburg Town	F. Lalman	J.H. Weaver & Son	Apr. 24, 1960	2	13		30	"	D	Topsoil 1; yellow sand 4; white sand 30; white quicksand 40; blue clay. Water at 30.
Tillsonburg Town	B. Parkas Livingstone Mfg. Ltd.	G. Warren	Feb. 4, 1961	1	8		25	"	D	Old open well 20; white sand 25; brown sand 35. Water at 25.
Tillsonburg Town	"	"	Jul. 6, 1961	6 1/2	18	42		"	In	Yellow sand 21; grey clay 53; sand 66. Water from 53 to 66.
Tillsonburg Town	International Water Supply Ltd.	"	Apr. 27, 1962	2			5		T	Silt sand brown clay 8; silt sand 67; clay 81; gravel 89; hard clay 102; clay gravel 123; rock.
Tillsonburg Town	"	"	May 1, 1962						5-62	Sandy brown clay 10; silt fine sand 50; clay 80; gravel 83; clay gravel 94.
Tillsonburg Town	"	"	May 4, 1962	2	50	10	2	Fresh	T	Sandy clay 4; sand 12; brown clay 25; gravel 27; clay gravel 48; gravel 69; clay gravel 76; gravel 79; clay 80.
Tillsonburg Town	"	"	May 10, 1962	2			4	"	7-62	Sandy clay 2; sand 10; brown clay gravel 27; gravel 29; gravel 37; boulder 38; hard clay 49; gravel 71; gravel clay 77; gravel 79; clay gravel boulders 93.
Tillsonburg Town	L. Prong	J.H. Weaver & Son	Jun. 26, 1962	1	8		20	Fresh	D	Topsoil 1; yellow sand 9; white sand 20; brown sand 30. Water at 20.
Tillsonburg Town	A. Coyle	"	Sep. 2, 1962	2	8		18	"	D	Topsoil 1; yellow sand 9; white sand 28. Water at 18.
Tillsonburg Town	J. Bennett	"	Jul. 11, 1963	1	8		8	"	D	Open pit 3; yellow sand 8; white sand 14. Water at 8.
Tillsonburg Town	"	"	Aug. 18, 1963	1	8		24	"	D	Topsoil 1; yellow sand 4; white sand 24; brown sand 34. Water at 24.

OXFORD COUNTY - cont.

				Sep.27,1960	4	5	24	20	Fresh	D	
West Oxford Twp.- cont'd	A.E. Slater	K. McLeod & Sons	"	Sep.28,1962	4	5	205	200	"	D	Gravel sand 25;lime stone 35. Water at 24.
BF lot 1	R. Karn	"	"	"	4	5			"	D	Brown clay 10;dirty gravel stones 180;sand 200;gravel 210.
BF "	"	"	"	Mar.17,1960	5 1/2	20	85	60	"	P	Brown clay 20;hardpan stones 94;lime stone 135. Water from 125 to 135.
BF "	Dorland Sub-Division	Oxford Water Supply	"	Jul. 7,1962	4	5	28	25	"	D	Clay boulders 20;sand gravel cemented 30;gray limestone 44 1/2.
BF "	R. Henry	N. Steinman	"	Sep.17,1960	4	12	105	95	"	S	Water at 36 and 44. Brown clay 44;stones hardpan 26;sandy clay 49;gravel 83; gritty hardpan 103;gritty clay 176;light limestone 180. Water at 179.
BF "	J. Peterson	"	"	"					"	D,S	Brown clay 20;blue clay 60;hardpan stones 155;limestone 157. Water at 157.
BF " 11	B. Bergema	K. McLeod & Sons	"	Nov.30,1961	4	5	95	85	"	D	Water at 157.
BF " 13	W. Parker	"	"	Jun.21,1961	4	6	108	108	"	D	Brown clay 30;hardpan stones 75;sand 90;hardpan stones 129;gray limestone 132. Water at 132.
BF " 13	N. Odorico	"	"	Mar.30,1962	4	4	5	50	"	D	Gravel stones 20;hardpan stones 47;limestone 64. Water at 64.
BF " 13	P.G.Spratt	National Pump & Water Supply	"	Sep. 6,1963	4	7	102	100	"	D	Gravel small stones 12;hardpan stones 40;gray clay boulders 30;gray limestone 125. Water at 120.
BF " 16	H. Johnson	Oxford Water Supply	"	Sep.29,1962	4	5	38	35	"	D	Sand 21;clay gravel 43;clay boulders 51;gray limestone 57. Water at 56.
BF " 17	T. Turner	K. McLeod & Sons	"	Jun.10,1960	4 1/2	6	75	75	"	D	Sandy gravel 40;blue clay 80;hardpan 109;gravel 110. Water at 109.
BF " 27	C. Langford	"	"	Oct.12,1960	4	5	14	12	"	D	Gravel 14;blue clay 22;gravel 24. Water at 24.
BF " 30	R. Ineson	"	"	Nov.24,1962	4	5	40	30	"	D	Coarse gravel stones 37;dirty gravel stones 84;gravel 85. Water at 85.
BP Gore	P. Velle	"	"	Sep.19,1960	4	5	24	24	"	D	Gravel stones 20;limestone 35. Water from 30 to 35.
BP Gore	A. Redford	"	"	Sep.23,1960	4	5	25	25	"	D	Sand 10;gravel 23;limestone 38. Water at 35.
Con I "	M. Ralph	N. Steinman	"	Sep.26,1960	4	12	96	86	"	D,S	Fill 3;gravel stone hardpan 24;sandy clay 35;dark clay 50;hardpan 62;sharp gravel 71;dark clay 98;fine sand 99;sandy gravel 112;gray limestone 117. Water at 115.
Con I "	"	J.P. Vos	"	May 31,1961	4	7	43	34	"	D	Sandy soil 6;gray clay 28;sand clay boulder 36;gray clay 56;sand gravel 60;coarse sand gravel 65. Water at 60 and 65.
Con I "	W. Hoffman	K. McLeod & Sons	"	Aug.31,1961	4	6	60	50	"	D	Brown clay 12;dirty gravel stones 45;sand gravel 75;hardpan stones 105;sand gravel 117;hardpan stones 121;gray limestone 127. Water at 127.
Con I "	Ingersoll PUC	International Water Supply Ltd.	"	Jul.30,1962					T		Blue clay 2;sand gravel boulders 11;sandy brown clay 21;sandy blue clay gravel streaks 68;sand blue clay gravel hard packed 78;sandy blue clay 84;dark blue clay 89;broken limestone 91.
Con I "	H. Anderson	K. McLeod & Sons	"	Sep. 1,1961	4	6	28	26	Fresh	D	Brown clay 20;hardpan 60;sand gravel 98;gravel 90. Water at 90.
Con I "	A.D.Robinson	"	"	Mar.31,1960	4 1/2	5	40	36	"	D	Clay 15;dirty gravel 45;clean gravel 48. Water from 45 to 48.
Con I "	A. Robinson	"	"	Mar. 1,1961	4	5	55	50	"	D	Previously drilled 48;hardpan stones 104;gravel 106. Water at 104.
Con I "	D. Wilson	"	"	Mar.26,1963	5	6	58	50	"	D,S	Dirty sand 30;brown clay 60;hardpan stones 98;gravel 100. Water at 100.
Con I Gore	W. M. Riddell	"	"	Oct. 9,1963	4	5	50	35	"	D	Sand 20;hardpan stones 90;shale 93;limestone 98. Water at 98.
Con I Gore	P. Telfer	"	"	Feb. 5,1962	5	5	104	100	"	D	Brown clay 20;clay stones 40;dirty gravel stones 105;gravel 108. Water at 108.
Con I Gore	R. Lewis	National Pump & Water Supply	"	Oct.12,1962	4	10	110	104	"	D	Old abandoned hole 40;boulders clay 50;boulders silt 55;gravelly clay boulders 177;limestone bedrock 180. Water at 50 and 177.
Con II lot 1	P.U.C	International Water Supply Ltd.	"	Feb.22,1962					T		Topsoil 1;white sand 6;dirty gravel 15;cemented gravel 20;sand gravel small boulders clay 55;hard blue sandy clay gravel 65;cemented sand gravel 100.
Con II "	B. Hersee	K. McLeod & Sons	"	Jul.28,1960	5	5	160	155	Fresh	D	Brown clay 36;gravel 180;hardpan 184;gravel 240. Water at 238.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont.										
West Oxford Twp. -cont. Con II lot 2	PUC.									
Con II	C. Kennedy	International Water Supply Ltd.	Mar. 2, 1962						T	Topsoil 1; brown clay 3; brown clay gravel 20; sand gravel small boulders clay 58; coarse sand gravel boulders 99.
Con II	E.H. Gilbert	"	Mar. 20, 1962	5	4	110	110	Fresh	D,S	Brown clay stones 20; blue clay 90; dirty gravel 11; clean gravel 119. Water at 119.
Con II	H. Overveld	"	Aug. 1, 1962	5	5	65	60	"	D	Brown clay 20; dirty gravel stones 65; clean gravel 69. Water at 69.
Con II	W. Williams	E.B. Hussey	Oct. 3, 1960	5	6	105	100	"	D,S	Brown clay 30; blue clay 80; hardpan 112; gravel 114. Water from 112 to 114.
Con II	Ont Dept. of Highways	King City Well Drilling Co. Ltd.	Sep. 8, 1961	4	8	52	50	"	D	Yellow clay stones 16; hardpan 35; hardpan streaks sandy clay 65; gravelly hardpan 70; gravel 79. Water from 70 to 79.
Con II	"	"	Feb. 12, 1960	6 1/2	40	105	90	"	P	On hardpan 2; blue clay 55; sand gravel clay 96; blue sand 117. Water at 96.
Con II	"	"	Jan. 12, 1962	6 1/2					T	Topsoil 4; brown clay 25; grey clay stones 52; yellow clay 68; red sand 70; coarse sand 87; fine brown coarse sand 97.
Con II	"	"	Mar. 2, 1962	6 1/2					4-62	Topsoil 4; brown clay 20; blue clay 49; brown clay 68; gravel 90; fine sand 92; brown clay 108; grey sand 111; grey clay 158; gravel 160; brown clay 228; coarse sand 236; rock 243. Dry hole.
Con II	"	"	Mar. 29, 1963	6 1/2	13	200	140	Fresh	P	Topsoil 4; yellow clay stones 19; pit gravel 28; sand 61; pit gravel boulders 92; putty sand 126; clay stones 132; pit gravel 227; grey shale 228; grey limestone 242. Water at 228 and 242.
Con II	"	"	Jan. 19, 1962	6 1/2						Topsoil 4; brown clay stones 43; grey sand 45; red brown clay 66; gravel 76; brown clay 84; silty sand 96; fine gravel 131. Dry hole.
Con II	B. Meek	K. McLeod & Sons	Dec. 19, 1962	4	6	75	65	Fresh	D,S	Brown clay 30; blue clay 70; silty sand 110; blue clay stones 180; hardpan stones 221; grey limestone 226. Water at 225.
Con II	H.E. Sheridan	"	Feb. 22, 1963	4	5	78	70	"	D	Brown clay 15; blue clay stones 75; sand 120; gravel 132. Water at 132.
Con II	Ont. Dept of Highways	King City Well Drilling	Jan. 3, 1962	6 1/2	18	73	48	"	C	Topsoil 2; brown clay 35; yellow clay 50; blue clay 62; brown sand 93. Water at 62.
Con II	"	"	Mar. 8, 1962	8	32	43	31	"	C	Topsoil 4; brown clay 39; blue clay 55; grey sand 64; grey coarse gravel 86; grey fine gravel 125. Water at 69.
Con II	"	"	Mar. 29, 1963	6	50	29	17	"	P	Brown clay 4; sandy gritty clay 31; grey clay 49; fine sand 100; coarse sand gravel 111. Water from 100 to 113.
Con II	T. Sheardown	J. Sauder	Aug. 28, 1961	6 1/2	8 1/2	132	98	"	D,S	Topsoil 3; hard brown clay 17; blue clay stones 48; hardpan 75; sandy brown clay 84; brown clay boulders 101; blue clay 121; yellow soft clay 130; hardpan clay 148; shale 151; solid white limestone 171; brown rock 172; white limestone 230; dark grey limestone 231. Water at 171 and from 230 to 231.
Con II	A.M. Wright	E.B. Hussey	Feb. 28, 1963	4	7	105	60	Fresh	D	Gravel boulders 53; clay hardpan gravel 78; clay gravel 101; sandy clay 111; stones gravel 121; hardpan 135. Water from 125 to 135.
Con II	Ingersoll PUC	International Water Supply Ltd.	Jul. 11, 1962	2		7		"	T	Brown clay gravel 7; gravel sand blue clay 11; coarse gravel sand boulders 24; sand grey clay gravel hard packed streaks 40; coarse gravel sand clay 44; fine gravel sand clay 51; sandy blue clay gravel streaks 81; coarse gravel sand clay 83; dark blue hard clay 95; greenish clay sand gravel 99; broken limestone 101.
Con II	"	"	Jul. 13, 1962						T	Sand 4; sand gravel boulders 28; boulders gravel sand 32; sandy blue clay gravel streaks hard packed 49; sand gravel grey clay 53; sandy blue clay gravel streaks hard packed 91; greenish sandy clay gravel streaks hard packed 94; sandy brown clay gravel 99; sandy brown clay soft gravel 103; sandy clay gravel
Con II	"	"							6-62	

West Oxford Twp. - cont.		Ingersoll PUC		International Water Supply Ltd		Jul. 7, 1962															
Con II	" 22	W. Jowett	K. McLeod & Sons	Apr. 25, 1962	4	5	35	27	D	Brown clay gravel boulders 9; fine sand 45; boulders 46; sandy grey clay gravel hard packed 50; sandy blue clay gravel boulders 145; streaks hard packed limestone 147.											
Con II	" 22	K. Turner	National Pump & Water Supply	Nov. 10, 1962	4	14	45	40	D	Brown clay 10; sand gravel 40; gravel 42. Water at 42.											
Con II	" 22	D. Spencer	"	Dec. 1, 1962	4	5	45	40	D	Old dug well 30; grey silty clay 110; fine silt 115; grey silty clay boulders 141; limestone 144. Water at 141.											
Con II	" 23	T. Vandervelden	E.B. Hussey	Jan. 25, 1962	4	8	55	50	D	Brown topsoil 1; brown subsoil 10; brown clay hardpan 60; blue clay sand 108; gravel 110. Water from 108 to 110.											
Con II	" 23	Ingersoll PUC	International Water Supply Ltd.	Jul. 24, 1962	5				D	Old dug well 44; dark clay 46; fine yellow sandy clay 48; coarse sand 84; coarse gravel 87. Water from 84 to 87.											
Con II	" 23	L. Quinn	E.B. Hussey	Dec. 19, 1962	4	8	30	28	D, S	Fine sand 13; coarse gravel boulders 40; sandy grey clay gravel 43; sandy blue clay gravel 55; gravel sand clay 63; blue clay sandy gravel streaks 71; sandy blue clay hard gravel 131; limestone 132.											
Con II	" 24	T. Vandervelden	"	Feb. 15, 1962	4	10	40	32	D, S	Old dug well 27; quicksand sand stones 35; coarse sand gravel 50. Water from 46 to 50.											
Con III	" 1	PUC.	International Water Supply Ltd.	Mar. 12, 1962					T	Yellow clay 6; sandstone 13; coarse gravel boulders 30; coarse muddy sand 45; coarse sand gravel 54. Water from 52 to 54.											
Con III	" 1	Woodstock PUC	"	Mar. 29, 1962					T	Topsoil 1; soft brown sandy clay gravel 25; silty sand 39; streaks blue clay sandy clay, clay gravel 65; clay gravel 75; cemented sand gravel 98; brown white limestone 102.											
Con III	" 1	"	"	Jun. 7, 1962	16	1250	54	10	P	Brown sandy clay 10; brown sandy clay gravel 18; coarse sand gravel small boulders 25; coarse sand gravel 55; coarse gravel sandy clay 57; clay 78; coarse gravel clay 85; cemented clay gravel 94; dirty gravel 96.											
Con III	" 1	"	"	Sep. 4, 1962					T	Topsoil 2; dirty gravel small boulders 8; brown sandy clay gravel 20; brown sandy clay gravel backed 27; blue clay gravel 29; sandy blue clay gravel 45; sandy clay gravel 52; light packed sand gravel 60; sand gravel small boulders 88; clay gravel boulders 89.											
Con III	" 1	"	"	Sep. 11, 1962					T	Topsoil 1; gravel boulders sand clay 2; sand gravel clay 9; hard gravel sand clay boulders 16; sandy silty clay streaks 25; stream's silty clay sand 93; hard silty clay gravel boulders.											
Con III	" 2	J. VanStrein	National Pump & Water Supply	Mar. 3, 1962	4	4	70	50	D, S	Topsoil 2; sand coarse gravel boulders silty clay gravel boulders. Boulders 39; gravel hard streaks 55; hard clay sand gravel 75. Brick cribbed dry well 30; sandy yellow clay 45; blue clay 51; sandy yellow clay 45; blue clay 51; brown silt quicksand 70; blue clay fine gravel sand 131; coarse gravel sand 133; medium gravel 135; hard gravel limestone 137. Water at 60 and 137.											
Con III	" 2	PUC	International Water Supply Ltd.	Jul. 11, 1962					T	Topsoil 3; brown sandy clay gravel 20; dirty sand gravel 64; cemented sand gravel 71; blue clay gravel 92; sandy blue clay gravel 120; brown limestone 122.											
Con III	" 3	F. Moutchen	K. McLeod & Sons	Aug. 25, 1961	4	5	50	30	D, S	Gravel 120; brown limestone 122.											
Con III	" 4	G. Masson	"	Sep. 21, 1961	4	5	60	30	D, S	Brown clay 6; dirty gravel 50; sand gravel 100; hardpan stones 157; grey limestone 160. Water at 159.											
Con III	" 5	T. Williams	National Pump & Water Supply	May 26, 1962	4	4	135	107	D, S	Brown clay 20; blue clay 40; sand 60; hardpan 147; limestone 149. Water at 149.											
Con III	" 13	H. Verrier	M. Hooper	Oct. 9, 1963	5	4	27	16	D, S	Cement cistern 93; clay boulders 20; hard packed sand 40; sand brown clay mix 56; sandy blue clay 68; fine sand 115; fine sand clay mixed 128; fine sand 134; medium sand 154; coarse sand 157. Water at 154.											
Con III	" 14	R.K. Hutchison	K. McLeod & Sons	Sep. 18, 1963	4	5	90	65	D, S	Hard clay 20; coarse gravel fine sand 37; fine gravel 39; gravel. Water at 39 1/2.											

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. West Oxford Twp., lot 15 Con III	J. Coorides	M. Hooper	Dec. 5, 1962	5	5	29	23	Fresh	D, S	Topsoil red sand 3; blue clay stones 22; hardpan stones 44; sand 66; fine gravel 69. Water at 69.
Con IV	H. Malcolm	W. Burrell	Aug. 16, 1962	5	5	40	38	"	D	Brown clay 5; sired clay boulders 15; gravel 45. Water at 45.
Con IV	J. Wharram	K. McLeod & Sons	Feb. 13, 1961	5 1/2	5	36	30	"	D, S	Blue clay 50; sand 57; fine gravel 59. Water from 50 to 59.
Con IV	R. Vanderhaide	National Pump & Water Supply	Apr. 29, 1963	4	7	120	80	Sulphur	D	Brown clay 30; grey clay stones 90; grey hardpan 160; fine sand 165; grey hardpan boulders 206; grey limestone 260; hard dark limestone 325. Water at 160 and 325.
Con IV	H. Dewitt	Hedco Well Digging	Sep. 30, 1963	27 1/2	3	34	23	Fresh	D	Topsoil lign gravel fill 4; brown sandy clay 21; blue hardpan rocks 36. Water at 35.
Con IV	R. Polden	E. B. Husey	Jan. 6, 1962	4	8	40	28	"	D, S	Old dug well 30; sandy clay stones 35; hardpan streaks sandy clay 50; hardpan small stones boulders 75; gravelly hardpan 80. Water from 76 to 80.
Con IV	C. Esseltine	G. Warren	Nov. 21, 1961	5	5	52	20	"	D, S	Yellow clay 5; gravel 63; sand 72. Water from 63 to 72.
Con IV	J. Grez	K. McLeod & Sons	Sep. 27, 1962	5	5	60	56	"	D	Brown clay 15; blue clay 60; hardpan 80; gravel 88. Water from 80 to 88.
Con V	I. Guthbert	"	Mar. 4, 1963	5	5	70	30	"	D, S	Coarse sand 108; gravel 110. Water at 110.
Con V	W. Millard	J. H. Heever & Son	Aug. 11, 1963	2	7	54	54	"	D, S	Old open well 50; fine gravel 60; hardpan 61; coarse sand 68. Water at 64.
Con V	E. B. Husey	E. B. Husey	Sep. 4, 1963	4	5	111	111	"	D	Sandy clay 8; gravel hardpan 19; sand cemented clay 48; quicksand 68; blue clay 76; sand clay 130; quicksand clay 167; stones gravel 178; sandy clay gravel 194; hardpan gravel 240; clay gravel 285; hardpan 303; brown limestone 305. Water from 303 to 305.
Con VI	G. Fairbanks	"	Sep. 21, 1962	4	8	100	84	"	D	Old dug well 28; sandy yellow clay 55; rutty clay fine quicksand 75; fine quicksand 135; sand streaks gravel 154; sand cemented clay 195; sandy hardpan small stones 230; sand fine sand 250; brown clay 58; hardpan streaks sand 273; hardpan streaks sand 273; brown limestone 275. Water from 273 to 275.
West Zorra Twp. Con I	J. Cooper	K. McLeod & Sons	Jan. 18, 1961	4 1/2	5	50	40	Fresh	D, S	Brown clay 10; hardpan stones 57; gravel 61. Water at 57.
Con I	C. Kittner	"	May 2, 1963	5	6	100	95	"	D, S	Brown clay 20; gravel sand stones 100; hardpan 10; shale 185; limestone 285. Water from 210 to 225.
Con I	J. Young	W. D. Hopper & Sons	Jun. 4, 1960	4	10	74	70	"	D, S	Yellow clay 18; sand 60; clay stones 130; brown limestone 195. Water from 175 to 195.
Con II	Reid Bros.	"	Oct. 1, 1962	4	100	15	8	"	S	Topsoil 21; sandy clay 25; sand 60; sand blue clay streaks 85; stony gravel 96; brown limestone 105; jun 107; brown limestone 172. Water from 155 to 172.
Con II	L. Auxiliary Knox Presbyterian Church	"	Jan. 29, 1960	4	10	6	1 1/2	"	P	Sandy clay 15; hardpan 50; sand 55; hardpan 109; rock 114; brown limestone 149. Water at 149.
Con III	H. Elliot	N. Steinman	Jul. 20, 1961	4	14	50	45	"	D, S	Brown clay 37; sandy clay 40; gritty hardpan 65; gritty blue clay 99; brown limestone 96. Water from 94 to 96.
Con III	L. Uich	W. D. Hopper & Sons	Feb. 7, 1963	4	10	46	31	"	D, S	Clay stones 40; sand 48; clay stones 118; fine gravel sand 147; grey rock 170. Water at 170.
Con III	B. Wesseler	K. McLeod & Sons	Nov. 24, 1962	4	5	85	50	"	D, S	Brown clay 30; hardpan stones 165; gravel 167. Water at 167.
Con III	M. Ross	"	Jun. 17, 1961	5	6	40	20	"	D, S	Brown clay 30; hardpan stones 153; gravel 154. Water at 154.
Con III	B. McCall	"	Nov. 19, 1963	5	6	40	30	"	D, S	Brown clay stones 25; blue clay 75; hardpan stones 147; fine gravel 149. Water at 149.
Con III	G. McKay	W. D. Hopper & Sons	Dec. 5, 1961	4	10	45	40	"	D, S	Topsoil fill 4; yellow clay 15; dirty gravel 35; stony hardpan 150; loose limestone 160; brown limestone 206. Water from 190 to 206.
Con IV	R. Cartmole	K. McLeod & Sons	Nov. 9, 1962	4	5	45	35	"	D, S	Brown clay 20; blue clay stones 50; hardpan 72; gravel 75. Water at 75.

Con	Loc	Owner	Date	5'	5	85	75	Fresh	D,S	Description
Con IV	"	G. Totton	Jan. 5, 1961	5 1/2						Brown clay 40; harden stones 100; gravel 110. Water from 100 to 110.
Con IV	"	R. Symons	Mar. 23, 1963	4	9	50	47	"	D,S	Topsoil yellow clay 10; sandy clay 40; sand 50; harden 200; gravel 209; limestone chert 233. Water from 223 to 233.
Con V	"	S. Zinn	May 17, 1962	5	12	35	30	"	C	Gravel fill 4; brown clay 30; gritty blue clay 42; horizon layers sand 80; gravel 91; brown limestone 96. Water from 94 to 96.
Con V	"	E. Boema	Apr. 20, 1960	4	5	98	54	"	D	Brown clay 20; blue clay 40; harden stones 102; limestone 154. Water at 154.
Con V	"	K. Hayward	May 26, 1960	4 1/2	5	48	48	"	D,S	Yellow clay 25; horizon 10; gravel 108. Water at 107.
Con V	"	W.S. Finch	Mar. 3, 1961	4	9	30	20	"	D,S	Sandy loam 2; sandy yellow clay boulders 31; sandy gravel 48; sandy gravel small stones 62; hard brown limestone 80. Water from 65 to 80.
Con V	"	J. Thomson	Apr. 25, 1961	4	10	32	30	"	D	Sandy loam 11; gravelly clay small stones 30; gravelly brown clay stones 50; sandy gravel clay 55; heavy gravel 61; brown limestone 75. Water at 70.
Con V	"	Warren Water Wells	Dec. 10, 1963	5	10	60	55	"	D,S	Yellow sand 20; clay sand 40; nit gravel 96; clay stones 111; nit gravel 122; clay stones 132; clay gravel 140; clay stones 142; gravel 153; coarse sand 157. Water at 140 and 157.
Con V	"	N. Stearnon	Feb. 4, 1960	4	12	38	34	"	D,S	Clay 21; sand 60; horizon 22; clay 91; horizon 94; clay 114; clay gravel 126; clay 173; gravel 174. Water at 173.
Con V	"	Warren Water Wells	Dec. 31, 1963	5	5	80	70	"	D,S	Clay stone 28; fine ruddy sand 46; gravel 49; nit gravel 132; gravel. Water from 46 to 49 and at 132.
Con V	"	W.D. Hopper & Sons	Aug. 22, 1961	4	10	75	70	"	D,S	Fill yellow clay 10; sandy clay 40; blue clay 70; horizon 167; gravel 170; horizon 175; cemented gravel 182; brown limestone 225. Water from 215 to 225.
Con V	"	Burwell & Evanite	Jan. 28, 1961	4	15	63	59	"	D,S	Clay stones 40; blue clay 65; gravel 145; boulders 155; blue clay 200; white limestone 203. Water at 203.
Con VI	"	C.H. Kent	Dec. 9, 1963	5	6	100	40	"	D	Brown loam 21; yellow sand stones 20; gray cemented gravel stones 40; clay horizon 60; soft gray clay 100; sand 105; clay sand 116; fine brownish gray gravel 123. Water at 123.
Con VI	"	E.B. Hussey	Mar. 29, 1961	4	9	40	29	"	D,S	Sandy yellow clay gravel 20; quicksand gravel horizon 55; sandy gravel clay 59; sand gravel stones 74; gravel stone gravel 95; sandstone 98; brown sandy clay 100; sandy clay streaks sand gravel 140; brown shell rock 156; sandy yellow clay 172; brownish clay sand gravel 185; shell rock quicksand 205; hard brown limestone 220. Water from 200 to 220.
Con VI	"	E.B. Hussey	Aug. 5, 1961	4	8	45	42	"	D,S	Old dug wall 27; sandy clay 65; pea gravel 68. Water from 65 to 68.
Con VI	"	W.D. Honner & Sons	Jul. 11, 1963	4	10	35	9	"	D,S	Clay 30; sand clay 50; clay stones 95; sand 121; horizon stones 185; gravel rock 229. Water at 229.
Con VII	"	H.C. Lense	Dec. 20, 1963	5	14	25	40	"	D	Brown loam 21; yellow clay 14; horizon stones 50; sand 60; sandy horizon 80; cemented gravel 155; sand 135; gravel 145. Water at 145.
Con VII	"	E. Mackey	Aug. 29, 1960	4 1/2	10	48	37	"	D	Clay 17; sandy horizon 159; sand gravel 160. Water at 160.
Con VII	"	S.B. Hussey	Jun. 29, 1961	4	5	45	18 1/2	"	D,S	Old dug wall 23; sand stones 55; gravelly horizon 80; horizon sandstone 100. Water from 82 to 100.
Con VII	"	W. Burwell	Dec. 14, 1963	5	10	55	35	"	D,S	Clay 60; boulders 70; gravel 110; clay 170; rock 173. Water at 173.
Con VII	"	N. Beon	Dec. 6, 1963	5	10	35	20	"	D,S	Clay 75; gravel 103. Water at 103.
Con VIII	"	J.P. Vos	Nov. 8, 1961	5	10	35	65	"	D	Clay gravel 13; hard clay 76; sand 80; cement rock limestone 95; limestone 139. Water at 120 and 139.
Con VIII	"	J.G. Frieswell	Jun. 15, 1963	4	7	100	59	"	D	Yellow clay stones sand 27; blue clay gravel 63; horizon 106; brown limestone 135. Water from 130 to 135.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY - cont. West Zorra Twp. - cont Con VIII lot 9	E. Thalen	National Pump & Water Supply	Oct. 11, 1963	4	9	50	40	Fresh	D, S	Brown clay 25; grey clay gravel 63; grey harden 98; quicksand 107; blue clay 118; fine sand 123; coarse gravel 126. Water at 100 and 122.
Con VIII " 23	S. Kalbfleisch	K. McLeod & Sons	May 21, 1963	5	6	40	32	"	D, S	Brown clay 15; dirty gravel stones 50; blue clay 110; hardpan 131; gravel 132. Water at 132.
Woodstock City Woodstock City	A.E. Phibben PUC.	National Pump & Water Supply International Water Supply Ltd.	Nov. 11, 1961 Sep. 10, 1963	4	3 1/2	58	24	Fresh	D, S	Heavy brown clay 22; fine sand 36; blue clay 54; medium sand 78; coarse sand and fine gravel 81. Water at 54.
Woodstock City	"	"	Oct. 4, 1963					Fresh	T 1-63 R-63	Surface loam 2; sand gravel 5; sandy blue clay gravel 4; silty sand 48; limestone 50. Packed clay gravel sand boulders 6; dirty gravel sand boulders clay 18; cemented gravel clay 28; sand gravel clay 31; limestone 35.
PERTH COUNTY Blenshard Twp. Con III lot 19	R. Stephen	W.D. Hopper & Sons	Jun. 22, 1960	5	12	230	210	Fresh	D, S	Dug well 20; hardpan 100; loose rock 104; brown limestone 150; light brown limestone 180; brown limestone 265. Water from 220 to 265.
Con IV " 9	J. Urquhart	C.H. Kerr	Nov. 21, 1960	5	13	200	187	"	D, S	Blue clay 18; boulders clay 57; stony blue clay 99; grey limestone 207. Water at 207.
Con VI " 19	A. Baker	W.D. Hopper & Sons	Mar. 23, 1961	4	9	185	180	"	D, S	Tossail 2; yellow clay 10; stony hardpan 77; shale rock 81; grey limestone 150; white limestone 180; brown limestone 236. Water from 180 to 236.
Con VI " 20	T. Coward	"	Jun. 21, 1963	5	7	189	189	Sulphur	D, S	Clay stones 90; greyish brown rock 241. Water at 241.
Con VII " 25	E. Stacey	"	Apr. 5, 1961	4	6	230	160	"	D, S	Dug well 36; blue clay 50; hardpan 155; loose rock 159; brown limestone 190; black rock 206; brown limestone 250. Water from 220 to 250.
Con IX " 9	G. Hooper	"	Dec. 2, 1960	5	13	197	160	Fresh	D, S	Stony blue clay 57; grey limestone 202. Water at 170 and 201.
Con IX " 13	J. Youngston	R. Hudson	Aug. 15, 1963	3 1/2	12	14	12	"	D, S	Brown clay 3; gravel 16. Water at 12.
Con IX " 20	C. Strahan	Steinman & Baird	Sep. 7, 1961	4	10	195	190	"	D, S	Previously drilled 145; grey limestone 208. Water from 203 to 208.
Con XIV " 15	D.J. King	W.D. Hopper & Sons	May 20, 1962	6 1/2	10	235	200	Sulphur	D, S	Tossail 1; yellow clay 44; blue clay 60; hardpan 128; cemented gravel 140; grey limestone 170; brown limestone 259; brown streaked limestone 280. Water from 210 to 260 and from 260 to 280.
Con XV " 14	M. McDonnell	"	Apr. 14, 1962	4	10	130	125	Fresh	D	Tossail 1; yellow clay 42; blue clay 40; hardpan 72; coarse gravel 81; loose rock 86; brown limestone 180. Water from 165 to 180.
Con XV " 15	M. Robson	"	Jul. 8, 1960	4	9	94	75	"	D	Sandy clay 3; boulders gravel 25; stony hardpan 36; broken rock 50; brown limestone 175. Water from 150 to 175.
Con XVI " 13	J.B. Robson	"	Dec. 19, 1961	4	9	112	109	"	D	Tossail 1; yellow clay 10; blue clay 40; hardpan 58; loose broken rock 66; grey limestone 90; brown limestone 160. Water from 148 to 160.
MRE Con I " 1	P. Black	R. Hudson	Sep. 11, 1963					Fresh	D, S	Brown clay 8; blue clay 25; stony clay 27. Dry hole.
NBC " 6	D. Finnie	W.D. Hopper & Sons	Jun. 18, 1962	5	10	76	73	Fresh	D, S	Tossail 1; sandy clay 4; yellow clay 15; sandy clay 20; hardpan 90; brown limestone 104. Water from 150 to 184.
NBC " 12	W. Kilsallen	M. Jones	Sep. 12, 1963	4	0	83	93	"	D, S	Clay stones 61; brown limestone 120. Water at 118.

SB	A. Robinson	M. Jones	Nov. 20, 1962	4	8	64	57	Fresh	D, S	Clay 24; gravel 32; clay 75; sandy clay 93; limestone 130. Water at 128.
SB	C. Langford	HaddockWell Digging	Jun. 1, 1961	30	10	27	14	"	S	Topsoil 1; brown sand 14; gravel 16; blue clay 28. Water from 14 to 16.
SB	P. Dykes	W.D.Hopper & Sons	Nov. 14, 1963	4	8	188	185	"	S	Gravel 16; yellow clay stones 27; blue clay 62; hardpan 96; brown limestone 227. Water at 227.
TR	G. Carr	"	Aug. 6, 1960	4	10	110	105	"	D, S	Topsoil 1; yellow clay 4; sandy clay 12; blue clay 25; stony hardpan 130; cemented gravel 146; rock 153; brown limestone 206. Water from 190 to 206.
TR	W. Calcott	"	Jun. 6, 1962	4	9	98	95	"	D	Topsoil yellow clay 10; blue clay 45; hardpan 102; limestone 112; grey limestone 140; brown limestone 190. Water from 160 to 190.
TR	N. Henderson	"	May 24, 1963	4	5	180	165	"	D, S	Clay 32; gravel 40; clay stones 130; rock 232. Water at 232.
WB	Blanshard Telephone	R. Hudson	Jun. 7, 1963	36	10	21	18	"	C	Brown clay 2; big stone 12; fine gravel 22. Water at 18.
WB	J. Whiteaveen	W.D.Hopper & Sons	Jul. 6, 1962	4	7	184	180	"	D, C	Yellow clay 26; blue clay stones 78; hardpan 89; grey limestone 208. Water at 208.
WB	J. Berley	HaddockWell Digging	Nov. 13, 1963	274	61	52	52	"	D	Topsoil 3; grey clay 52; sand 54; grey clay 64. Water at 52.
Donnie Twp.	T. Parker	J. Moore	Jun. 26, 1963	30	4	50	27	"	D	Topsoil 2; blue clay 45; blue clay stone 62. Water at 45.
Con I	N. Lott	W.D.Hopper & Sons	Dec. 2, 1960	4	10	22	20	"	D	Topsoil 1; yellow clay 13; hardpan 35; stony blue clay 75; hardpan 96; loose limestone 100; brown limestone 150. Water from 40 to 150.
Con I	R. Reibling	"	May 4, 1963	4	30	25	15	"	D	Topsoil 1; yellow clay 11; blue clay 72; hardpan 95; yellow limestone 101; brown limestone 150. Water from 135 to 150.
Con I	P. Bell	"	Jun. 22, 1963	4	10	33	30	"	D	Topsoil fill 4; yellow clay 13; blue clay 40; stony hardpan 114; loose limestone 118; brown limestone 165. Water from 150 to 165.
Con I	W. Priestap	"	Jul. 23, 1962	4	12	20	19	"	D	Fill clay stones 7; clay stones 35; hardpan stones 92; caving rock 163; yellow limestone 101; white limestone 142. Water from 125 to 142.
Con I	E. Taylor	"	Oct. 15, 1960	4	20	25	20	"	D	Topsoil 1; yellow clay 4; sand 7; blue clay 50; hardpan 90; loose rock 95; brown limestone 150. Water from 140 to 150.
Con I	A. Renecher	"	Aug. 24, 1962	4	10	25	15	"	D	Clay stones 42; gravel 57; hardpan 93; brown rock 149. Water from 139 to 149.
Con I	G. Hoop	"	Sep. 11, 1963	4	14	24	18	"	D	Old well 31; clay stones 54; blue clay 72; gravel 78; hardpan 88; brown limestone 135; white limestone 154. Water from 135 to 154.
Con II	P. Switzer	"	Mar. 7, 1960	4	10	56	54	"	D	Topsoil 1; sandy clay 8; yellow clay 14; blue clay 40; hardpan 115; rock 119; brown limestone 197. Water from 190 to 197.
Con II	K.J. Switzer	"	Feb. 3, 1961	4	10	56	54	"	D, S	Old dug well 27; blue clay 50; hardpan 118; loose rock 124; brown limestone 209. Water from 200 to 209.
Con II	J. Byrtek	"	Oct. 10, 1962	4	12	52	50	"	D	Topsoil 1; yellow clay 10; hardpan 124; loose rock 130; brown limestone 167; brown white limestone 188. Water from 170 to 188.
Con II	J. Durand	"	Oct. 18, 1962	4	10	52	50	"	D	Topsoil 1; yellow clay 10; hardpan 125; loose rock 130; brown limestone 165; brown white limestone 190. Water from 170 to 190.
Con II	O. Pounder	"	Aug. 25, 1962	4	10	52	50	"	D	Stony gravel 20; blue clay 45; stony hardpan 130; loose rock 135; brown limestone 165; streaks brown white limestone 195. Water from 165 to 195.
Con II	W.D. Erb	"	Sep. 6, 1961	4	30	30	20	"	D, S	Fill 4; yellow clay 12; blue clay 30; stony hardpan 82; loose limestone 88; brown limestone. Water from 135 to 150.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Downie Twp. - cont. Con III	V. Bean	W.D. Hopper & Sons	Nov. 25, 1962	4	10	55	50	Fresh	D, S	Topsoil 1; yellow clay 12; blue clay 30; hardpan 116; loose rock 123; brown limestone 180. Water from 160 to 180.
Con III	E. Boyes	"	Sep. 16, 1961	4	10	52	50	"	D, S	Topsoil fill 4; yellow clay 14; blue clay 50; stony hardpan 107; loose rock 11; brown limestone 175. Water from 160 to 175.
Con IV	Yundt & McCann Const. Co.	"	Mar. 19, 1961	4	10	72	60	"	In	Stony clay 4; gravel 56; stony clay 132; gravel 145; brown limestone 201. Water at 200.
Con IV	Boehmers Ready Mix Concrete	R.I. McLaughlin	Jul. 18, 1963	7	60	58	51	"	In	Topsoil 3; sand 15; clay stones 60; hardpan 68; clay stones 76; hardpan 96; gravel 102. Water at 96.
Con IV	W. Williams	Hadco Well Digging	Oct. 24, 1962	27 1/2	1 1/2	21	18	"	D	Topsoil 6; fill 3; brown clay 18; gravel 20; blue grey clay 29; gravel 30; grey clay 40. Water at 18 and 29.
Con V	A. Bain	W.D. Hopper & Sons	Jun. 16, 1960	4	9	35	27	"	D, S	Yellow clay 35; clay stones 55; gravel sand 65; clay stones 105; dark grey rock 155. Water from 140 to 155.
Con VI	J.J. Mivell	"	Mar. 26, 1961	4	5	65	55	"	D, S	Yellow clay 26; clay stones 53; sand 67; gravel 75; clay stones 136; gravel 143; rev limestone 200. Water from 175 to 200.
Con VI	J. Fleming	"	Jan. 11, 1960	4	10	29	28	"	D, S	Topsoil 1; sandy yellow clay 10; blue clay 40; hardpan 87; loose rock 92; brown limestone 145. Water from 135 to 145.
Con VII	K. McEwen	W.D. Hopper & Sons	May 26, 1961	4	13	60	57	"	D	Old well 23; stones 45; clay stones 90; hardpan 140; hardpan stones 162; brown limestone 192; light brown limestone 210. Water from 193 to 210.
Con VII	G. Wood	Hadco Well Digging	Nov. 30, 1962	27 1/2	5	23	19	"	D	Topsoil 1; brown clay 17; gravel 23. Water at 19.
Con VIII	P. Couithard	J. Moore	Oct. 4, 1961	30	5	20	15	"	"	Brown clay 20; blue clay 45. Water at 35.
Con VIII	R. Bleich	"	Sep. 25, 1961	30	3	21	16	"	D	Brown clay 39; coarse gravel 41. Water at 39.
Con IX	I. Roxburgh	"	Oct. 13, 1961	30	3	10	10	"	D	Brown clay 10; coarse gravel 21. Water at 18.
Con IX	R. Zein	C. & H. Kerr	Jun. 27, 1961	5	15	100	80	"	D	Old dug well 11; hardpan 40; boulders clay 79; hardpan 97; clay 117; shale 128; limestone 151. Water at 149.
Con XI	C. Tyler	W.D. Hopper & Sons	Jul. 23, 1962	4	10	62	60	"	D, S	Topsoil 1; yellow clay 12; blue clay stones 70; hardpan 102; loose rock 107; brown limestone 160. Water from 150 to 160.
Con XII	D.R. Muir	"	Jun. 12, 1961	5	10	120	110	"	D, S	Topsoil fill 4; yellow clay 12; blue clay 50; hardpan 100; loose rock 106; brown limestone 208. Water from 190 to 208.
Con XIV	B. Miller	N.N. Faulkner	Oct. 25, 1961	8	55	65	5	Sulphur	T	Topsoil 1; brown clay stones 8; brown shale rock 125; grey limestone bedrock 50; brown limestone bedrock 70. Water from 25 to 40.
Gore Con III	A. Hensen	W.D. Hopper & Sons	Oct. 7, 1960	4	10	50	45	Fresh	D	Old dug well 21; blue clay 60; hardpan 136; cemented gravel 145; grey limestone 195. Water from 180 to 195.
Gore Con IV	S. Martin	Hadco Service Ltd.	May 15, 1961	30	20	20	8	"	D	Topsoil 1; brown clay 6; brown hardpan 15; boulders hardpan 20; gravel 21. Water at 20.
Gore Con IV	G. & G. Gibbard	W.D. Hopper & Sons	Mar. 19, 1962	4	10	66	58	"	D	Clay stones 52; sand 72; clay stones 130; hardpan 145; gravel 150; grey rock 195. Water at 195.
Gore Con IV	T. Hoyle	"	May 7, 1962	4	15	49	47	"	C	Fill 7; clay stones 20; sand 24; clay stones 47; hardpan gravel 95; hardpan 145; grey limestone 201. Water from 185 to 201.
Gore Con VII	F. McKay	"	Nov. 8, 1962	4	10	86	82	"	D, S	Topsoil 1; yellow clay 12; hardpan 190; gravel 200; brown limestone 260. Water from 245 to 260.
Gore Con IX	K. McEwen	"	Sep. 28, 1961	4	12	63	62	"	D	Fill clay 8; clay stones 40; stones hardpan 72; hardpan 127; gravel 135; hardpan 153; light brown limestone 180; white gravel 203. Water from 195 to 203.
Gore Con XI	Fraser Brace Eng. Co.	International Water Supply Ltd.	Jun. 21, 1963	12	150	Flows		Sulphur	T	Black topsoil 4; coarse gravel broken rock 8; yellow clay 14; yellow clay broken limestone 20; brown limestone 47; grey limestone 60; white limestone 120.
Gore Con XI	"	"	Jun. 27, 1963	12	Flows	"		"	T	Topsoil 3; clay gravel broken limestone 10; brown limestone 50; grey limestone 120.
Gore Con XI	"	"	Jul. 18, 1963	12	"	"		"	T	Topsoil 3; coarse gravel clay 9; broken limestone 43; soft limestone gravel to white 120.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Ellice Twp. - cont.										
Con VI	J. Verellen	P. Jackson	May 19, 1962	4	12	12	8	Fresh	D	Open well 16; gravel stone 30; clay grit 60; gravel 65; limestone 85. Water at 30, 60 and 70.
Con VI	A.W. Hulshaf	"	May 17, 1962	4	12	70	5	"	D	Clay loam 2; yellow clay 8; stones clay 20; clay grit 65; reddish rock 82. Water at 8, 65 and 75.
Con VII	R. Koert	"	Jul. 31, 1962	4	12	75	45	"	D	Clay loam 2; brownish hardpan 14; blue clay grit 100; clay gravel 120; brownish rock 140. Water at 135.
Con VII	J. Ruston	W.D. Hopper & Sons	Apr. 24, 1961	4	14	24	24	"	D, S	Fill 7; stony sand clay 27; stony clay 40; gravel 45; stony hardpan 72; brown limestone 120. Water from 100 to 120.
Con VII	L.P. Elliott	P. Jackson	Jul. 11, 1961	4	10	35	11	"	D	Old well 14; stony rock clay 18; blue clay grit 45; gravel 60; reddish rock 80. Water at 45 and 65.
Con VIII	A. DeWetaring	W.D. Hopper & Sons	Sep. 25, 1962	4	13	20	19	"	D, S	Old well 15; clay stones 40; hardpan 71; limestone 115; white limestone 123. Water from 110 to 123.
Con IX	J. VanNynatten	"	Mar. 13, 1961	4	10	26	24	"	D, S	Old dug well 26; brown stony clay 45; hardpan 74; brown limestone 124. Water from 110 to 124.
Con X	L. Debus	"	Nov. 4, 1960	4	10	47	45	"	D, S	Tonsol yellow clay 10; blue clay 50; hardpan 118; loose rock 122; yellow rock 160; brown limestone 190. Water from 170 to 109.
Con X	E. Schneider	"	Nov. 6, 1961	4	12	28	26	"	D	Gravel tonsol 1; yellow clay 10; hardpan 117; loose limestone 121; brown limestone 175. Water from 165 to 175.
Con X	W. Pank	"	Oct. 22, 1960	4	60	26	20	"	D	Well pit 4; sandy clay 10; hardpan 25; blue clay 80; hardpan 115; loose rock shale 120; brown limestone 170. Water from 150 to 170.
Con X	A. Schlotzhuier	J. Moore	Sep. 24, 1963	30	10	60	28	"	S	Blue clay 60; gravel 65. Water at 60.
Con X	J. Murray	W.D. Hopper & Sons	Dec. 6, 1963	4	14	21	20	"	D, S	Top clay sand 12; clay stones 34; blue clay 60; hardpan 123; shale 103; white limestone 123. Water from 115 to 123.
Con XI	S.M. Jutzl	P.W. Jackson	Apr. 6, 1961	4	10	22	16	"	D	Blackish tonsol 1; yellow clay grit 5; sandy soft clay 10; blue clay grit 30; sand rock 35; clay gravel 66; gravel 70. Water from 5 to 10 and 35 and 66.
Con XI	C. Becker	W.D. Hopper & Sons	Jan. 7, 1963	4	13	27	25	"	D, S	Top clay 7; blue clay 50; gravel stones 62; hardpan 121; brown limestone 160; black clay 164; brown limestone 167. Water from 150 to 167.
Con XI	W. Becker	"	Nov. 27, 1963	4	14	28	27	"	D, S	Top clay sand 7; clay 24; clay stones 50; blue clay 94; hardpan 108; brown limestone 140; yellow limestone 155. Water from 140 to 155.
Con XII	P. Waidle	"	Nov. 14, 1960	4	10	38	35	"	D, S	Tonsol fill 4; yellow clay 12; blue clay 55; hardpan 119; loose rock 123; brown limestone 195. Water from 180 to 195.
Con XII	W. Rehberg	P. Jackson	May 25, 1962	4	12	102	25	"	D	Black loam stones 4; clay grit 60; clay gravel 85; gravel clay 14; dark brown rock 129. Water at 85 and 114.
Con XIII	S.S. 11	E. McLaughlin & Sons	Jun. 17, 1960	5	12	76	42	"	P	Tonsol 1; blue clay 11; blue clay stones 38; hardpan 52; blue clay 108; hardpan 138; soft brown shale 150. Water from 146 to 150.
Con XIV	M. Nafziger	G.L. Davidson	Jan. 21, 1963	4	12	55	47	"	D, S	Clay 22; hardpan boulders 55; sand 65; hardpan 136; brown shale 138; brown medium hard rock 147. Water at 147.
Con XIV	E. Ropp	"	Jan. 26, 1963	4	12	55	47	"	D, S	Clay 15; sand 20; hardpan 70; sand 76; hardpan stones 132; medium hard grey rock 162. Water at 162.
Con XIV	B. Debus	W.D. Hopper & Sons	Nov. 25, 1960	4	10	50	42	"	D, S	Old dug well 27; stony hardpan 50; blue clay 80; hardpan 195; shale rock 132; brown limestone 197. Water from 180 to 197.
Con XV	O. Diehl	Dar-am Drillers	Feb. 27, 1961	4	20	17	14	"	D, S	Dug well 19; clay boulders 59; clay 80; solid grey rock 125. Water at 111.
Con XVI	E. Erb	N. Steinman	Feb. 14, 1961	4	15	50	38	"	D, S	Dark clay 34; hardpan 74; dark grey clay 96; hardpan 125; grey clay 142; hardpan 159; rock hardpan 166; grey rock 168. Water at 168.

lot 1	W.J. Smith	C. Keeso	Nov.11,1963	4	15	22	19½	Fresh	D,S	Topsoil 3;sandy clay gravel 48;brown shale 83;brown limestone 128. Water from 118 to 158.
" 6	B. Fisher	"	Jul. 5,1960	4	18	23	19	"	D,S	Topsoil fill 4;blue clay 12;hardban 40;sand gravel 56;brown shale sand 93;brown limestone 109;white limestone 156. Water at 154.
" 11	W.P. Brislin	"	Nov.19,1963	4	15	19	18½	"	D,S	Topsoil 3;sandy clay gravel 48;brown shale 76;brown limestone shale 89;brown limestone 121. Water from 113 to 121.
" 26	W.N. Campbell	"	Jun.21,1961	4	14	32	30	"	D	Topsoil 10;clay 50;sandy clay 90;shale 112;grey limestone 180. Water at 170.
" 30	C. Moorhouse	"	Jul.12,1961	4	18	33	32	"	D	Topsoil fill 3;blue clay 12;sandy clay gravel 53;hardban 78;brown shale 94;brown limestone 122;hard blue limestone 150. Water from 121 to 150.
" 30	A. Bray	"	Oct. 7,1961	4	18	29	27	"	D	Topsoil 3;brown clay 10;white clay 38;sandy clay gravel 72;brown shale 94;hard brown limestone 126. Water from 110 to 126.
" 49	W.J. Wettlaufer	"	Oct. 9,1963	4	10	36	31	"	D	Topsoil 5;hardban boulders 48;blue clay 86;shale 94;brown limestone 132. Water at 128.
" 54	R.A. Cummings	"	Oct.19,1963	4	15	64	62	"	D,S	Dug well 19;hardban 50;sandy clay 90;shale 100;white limestone 158. Water at 155.
" 62	A. Armstrong	"	Jun.18,1963	4	15	37	34	"	D,S	Topsoil 5;blue clay 40;hardban 80;sandy clay 110;shale 120;brown limestone 155. Water at 150.
" 27	W. Whitfield	"	Sep. 8,1961	4	18	44	43	"	D,S	Topsoil 3;white clay 14;sandy clay gravel 34;hardban stones 98;brown shale 118;hard brown limestone 149. Water from 135 to 149.
" 28	E. Drager	"	Feb.25,1961	4	18	47	45	"	D,S	Topsoil 3;hardban boulder 48;sandy clay gravel 95;brown shale 108;hard brown limestone 165. Water from 135 to 165.
" 5	L. Hamilton	"	Jul.25,1960	4	18	21	21	"	D,S	Topsoil 3;blue clay 30;hardban boulders 55;sand gravel 94;brown clay gravel 105;red clay 130;brown shale 142;brown limestone 160;white limestone 169. Water from 160 to 169.
" 5	B.Fisher Farms	"	Aug. 9,1961	4	18	15	14	"	D,S	Topsoil fill 5;blue clay 62;hardban 80;sandy clay gravel 112;soft red clay 135;brown shale 140;brown limestone 170. Water from 160 to 170.
" 15	W. Nielol	Durham Drillers	Feb.14,1961	4	10	35	31	"	D,S	Topsoil 3;brown clay 20;gravel sand boulders 70;fine sand 79;brown limestone 115;black rock 165. Water at 115.
" 16	S. Henry	C. Keeso	Sep. 5,1962	4	15	29	23	"	D,S	Topsoil 3;white clay 48;sandy clay gravel 73;brown shale 79;brown limestone 152;white limestone 168. Water from 148 to 168.
" 33	G.Loneybeare	"	Sep.13,1960	4	18	42	40	"	D,S	Topsoil 2;sandy clay 28;hardban boulders 84;gravel limestone 89;hard white limestone 150;brown limestone 168. Water from 138 to 168.
" 4	C. Johnston	"	J-n.11,1963	4	15	18	18	"	D,S	Topsoil 3;brown clay 12;hardban boulders 39;brown shale gravel 10;brown limestone 158. Water from 142 to 158.
" 11	S. Telfer	Durham Drillers	Feb.15,1961	4	18	33	30	"	D	Topsoil 5;clay boulders 17;clay 85;red shale 92;brown limestone 125. Water at 116.
" 23	M. Thompson	C. Keeso	Nov.14,1963	4	13	47	44	"	D,S	Topsoil 3;blue clay 40;sandy clay 62;hardban 80;sand 93;shale 102;brown limestone 156. Water from 150 to 156.
" 6	A. Boyd	"	Dec. 2,1963	4	18	21	21	"	D,S	Dug well 2;sandy clay gravel 37;brown shale 72;brown limestone 108;white limestone 118. Water at 110 and 118.
" 8	H. Clark	G.L.Davidson	May 7, 1960	4	15	26	14	"	D,S	Hardban fill clay 40;sand gravel 49;sand hardban 78;shale 92;light brown soft limestone 185. Water at 142.
" 15	G.S.Hymers	E. Keeso	Sep.30,1961	4	12	27	21½	"	D	Topsoil 3;red clay 13;white clay boulders 32;sandy clay gravel 40;brown shale 79;brown limestone 137. Water from 120 to 137.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Elma Twp. - cont. Con V	I. Huieser	Durham Drillers	Jul. 1, 1960	4	8	35	32	Fresh	D	Old dug well 20; grey clay stones 74; gravel 76; brown clay stones 85; gravel 88; hardpan 104; shell 125; brown limestone 150. Water from 160 to 190.
Con VI	Ree Farms Milling Co.	C. Keeso	Sep. 21, 1960	4	19	20	9	"	D, S	Topsoil 2; sandy clay gravel 50; gravel limestone 63; brown limestone 120. Water from 115 to 120.
Con VI	V. Sorenson	"	Jul. 18, 1960	4	18	11	9	"	D	Blue clay boulder 30; hardpan 58; sandy shale 73; brown limestone 106; white limestone 114. Water from 110 to 114.
Con VI	N. Coghlin	Durham Drillers	Jan. 24, 1961	4	7	25	19	"	D, S	Dug well 22; clay stones 65; brown limestone 118. Water at 111.
Con VI	J.E. Gurrle	C. Keeso	Jun. 1, 1963	4	15	9	7	"	D	Topsoil 2; hardpan boulders 48; brown shale 78; brown limestone 123. Water from 110 to 123.
Con VI	G. King	"	Aug. 22, 1963	4	14	15	13	"	D	Topsoil 4; hard clay 48; shale 40; white limestone 123. Water at 120.
Con VI	F.M. Day	"	Sep. 13, 1963	5	40	16	14	"	In	Fill 4; sandy clay 70; brown shale 79; brown limestone 129.
Con VII	L. Edgar	"	Dec. 19, 1963	4	18	27	25	"	D, S	Topsoil 2; sandy clay 46; hardpan boulders 62; brown shale 89; brown limestone 142. Water from 138 to 142.
Con VII	J. Murphy	Durham Drillers	Feb. 21, 1961	4	10	17	14	"	D, S	Topsoil 5; clay boulders 35; clay 55; sand 65; limestone 100. Water at 85.
Con VIII	A. Parkhouse	C. Keeso	Jun. 7, 1960	4	15	16	14	"	D	Dug well 20; hardpan 50; sandy clay 74; blue clay 78; brown limestone 114. Water at 114.
Con VIII	G. Hamilton	"	Jun. 15, 1960	4	15	9	8 1/2	"	D	Topsoil 3; hardpan boulders 54; gravel limestone 72; brown limestone 100. Water at 100.
Con VIII	F. Lemmex	"	Jun. 25, 1960	4	15	8	6	"	D	Topsoil 3; blue clay 40; hardpan boulder 60; red shale 94; brown limestone 108; white limestone 160. Water at 160.
Con VIII	"	"	Aug. 30, 1960	4	18	18	8	"	D	Dug well 25; blue clay boulders 56; gravel limestone 83; brown limestone 156. Water at 126.
Con VIII	O. Smith	"	Apr. 17, 1961	4	20	21	12	"	D	Topsoil 5; clay boulder 68; brown shale 70; brown limestone 122. Water from 115 to 122.
Con VIII	Ball Telephone Co.	"	May 17, 1960	5	22	11	10 1/2	"	F	Topsoil 2; blue clay boulder 30; blue clay 55; clay gravel 61; sandy clay gravel 73; gravel limestone 88; brown limestone 106; white limestone 134. Water from 115 to 134.
Con VIII	F. Lemex	"	May 3, 1963	4	18	1	1	"	D	Topsoil 1; hardpan boulder 54; brown shale 88; brown limestone 140. Water from 130 to 140.
Con VIII	C. VanLeeuwen	Durham Drillers	Jan. 28, 1961	4	10	25	15	"	D, S	Brown clay 15; grey clay stones 36; hardpan 52; brown limestone 100. Water at 94.
Con IX	W. Nichol	C. Keeso	Dec. 27, 1962	4	15	19	3	"	D, S	Topsoil 7; clay boulders 39; brown shale 86; white limestone 128; hardpan limestone 150. Water from 140 to 150.
Con IX	Alma Community Centre	"	May 26, 1962	4	20	10	6	"	F	Topsoil 1; sandy clay gravel 92; clay boulders 50; brown shale 86; brown limestone 128; white limestone 166. Water from 140 to 166.
Con IX	N. Cowan	"	Aug. 8, 1960	4	18	11	9	"	D, S	Topsoil 9; blue clay 54; sandy clay gravel 72; gravel limestone 93; red shale 100; grey limestone 150; brown limestone 170. Water from 160 to 170.
Con IX	M. Ames	"	Dec. 31, 1963	4	15	20	18	"	D, S	Topsoil 3; brown sandy clay 28; hardpan boulders 54; brown shale 86; brown limestone 130. Water from 124 to 130.
Con X	K. Love	E.B. Hussey	May 27, 1961	4	10	17	16	"	D, S	Soil 4; sandy yellow clay 20; fine quicksand 30; sandy brown clay 45; hard limestone hardpan 90; sand gravel streaks horizon 120; rock gravel 140. Water from 135 to 140.
Con X	L. Richardson	C. Keeso	Oct. 20, 1961	4	18	12	9	"	D	Topsoil 7; clay 40; sandy clay gravel 84; brown shale 90; brown limestone 148. Water from 140 to 148.
Con X	K.S. Hart	"	Aug. 14, 1963	4	14	10	8	"	D	Clay 30; hardpan 70; sandy shale 87; brown limestone 120. Water at 115.

PERTH COUNTY - cont.

Elms Twp. - cont. Con XI	lot 11	J. Duncan	E.B. Huseey	Jun. 7, 1961	4	15	10	5	Fresh	D.S	Sandy loam 3; grey clay 25; gravelly hardpan shale rock 96; sandy muddy gravelly clay 105; shale gravelly hardpan 134; small stones shale gravel 147; gravelly brown clay 200; brown clay 210; brown limestone 211; grey brown limestone 225. Water from 215 to 225.
Con XII	" 4	D. Dickinson	C. Keeso	Aug. 22, 1963	4	15	13	13	"	D.S	Topsoil 3; clay boulders 38; hardpan 84; brown shale 100; brown limestone 152. Water from 140 to 152.
Con XII	" 7	R. Hurst	Durham Drillers	Feb. 22, 1961	4	6	25	21	"	D.S	Topsoil 3; brown clay 98; grey clay 95; hardpan 85; brown limestone 133. Water at 125.
Con XII	" 11	A. Stevens	"	Feb. 20, 1961	4	20	20	14	"	D.S	Topsoil 4; brown clay 20; hardpan boulders 55; fine sand 95; hardpan 93; shale 145. Water at 129, 135 and 142.
Con XII	" 33	J. Steckley	G.L. Davidson	Feb. 3, 1961	4	12	32	22	"	D.S	Sandy clay 14; brown clay 42; blue-clay 76; sandy gravel 91; hardpan 106; brown hard limestone 120; reddish brown soft limestone 140. Water at 140.
Con XIII	" 31	E. Harrow	"	Feb. 10, 1961	4	12	20	6	"	D.S	Dug well 23; clay 32; sandy gravel 44; stony hardpan 76; soft brown shale 108; brown limestone 128. Water at 128.
Con XV	" 32	E. Ohm	Durham Drillers	Apr. 4, 1961	4	10	55	32	"	D.S	Topsoil 3; clay stones 13; sand 73; clay 94; grey limestone 139. Water at 135.
Con XVII	" 11	A. Young	C. Keeso	Oct. 17, 1960	4	18	17	16	"	D.S	Dug well 27; sandy clay 50; gravel limestone 68; brown limestone 104; white limestone 107. Water from 100 to 107.
Con XVII	" 16	G. Metz	"	Nov. 1, 1963	4	20	17	15	"	S	Hardpan boulders 58; brown shale 113; brown limestone 141. Water from 128 to 141.
Con XVII	" 26	G. McLory	"	Jun. 13, 1962	4	20	3	2	"	S	Topsoil 2; clay 30; hardpan gravel 56; sandy clay 74; red shale 105; brown limestone 122; white limestone 161. Water from 148 to 161.
Con XVIII	" 15	Monkton Poultry Farm	"	Nov. 18, 1960	4	15	20	18	"	D	Dug well 18; blue clay 42; brown shale 68; brown limestone 102; white limestone 108. Water at 100 and 108.
Con XVIII	" 15	F. Offen	"	Nov. 23, 1960	4	18	12	9	"	D	Dug well 10; blue clay 14; hardpan boulder 40; sandy clay gravel 73; brown shale 84; brown limestone 102. Water from 98 to 102.
Con XVIII	" 15	W. Smith	"	Jun. 19, 1960	4	18	13	13	"	D	Topsoil 3; sandy clay 10; gravel sand 30; hardpan boulders 60; brown shale 82; brown limestone 118. Water from 110 to 118.
Con XVIII	" 15	Boyd, Bleckert & Melville	"	Jun. 13, 1962	4	20	18	17	"	P	Dug well 10; sandy clay boulders 38; hardpan 56; brown shale 94; brown limestone 125. Water from 120 to 125.
Con XVIII	" 15	M. Wolichtly & B. Hiltz	"	Oct. 13, 1962	4 1/2	15	20	18	"	D	Topsoil 6; blue clay 40; hardpan 25; brown shale 100; brown rock 110. Water from 105 to 110.
Con XVIII	" 15	J.W. Partridge	"	Oct. 23, 1963	4	18	23	22 1/2	"	D	Dug well 15; hardpan gravel 52; sandy clay 94; brown shale 113; brown limestone 142. Water from 130 to 142.
Con XVIII	" 16	Bell Telephone Co.	"	May 26, 1960	5	19	8	6	"	P	Clay boulders 30; blue clay 55; blue clay gravel 73; sandy clay gravel 88; gravel limestone 90; brown limestone 100; white limestone 134. Water from 119 to 134.
Con XVIII	" 16	R. Pestell	"	Jun. 1, 1960	4	20	10	8	"	D	Topsoil 3; clay boulders 22; sandy clay gravel 55; hard blue clay gravel 68; gravel limestone 93; brown limestone 116. Water from 114 to 116.
Con XVIII	" 19	W. Scholl	"	Jul. 10, 1963	4 1/2	15	14	13	"	D.S	Dug well 18; hardpan 40; sandy clay 75; shale 30; brown limestone 100. Water at 96.
Con XVIII	" 23	L. Davidson	"	May 30, 1961	4	18	20	19	"	D.S	Topsoil 3; sandy clay gravel 30; hardpan boulders 50; brown shale 82; brown limestone 130. Water from 124 to 140.
Fullerton Twp. Con I	lot 15	J. Stacey	W.D. Hopper & Sons	Nov. 22, 1963	4	10	40	29	Fresh	D.S	Yellow clay 10; gravel 14; blue clay stones 56; hardpan 67; brown limestone 120. Water from 110 to 120.
Con I	" 20	B. Varstenbosch	"	Sep. 18, 1963	4	12	48	46	"	D.S	Top clay 7; clay 32; clay stone 37; clay 55; hardpan 88; brown limestone 115; grey limestone 137. Water from 140 to 150.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Fullerton Twp. - cont. Con III	M. Stacey	W.D. Hopper & Sons	Oct. 29, 1963	4	12	73	72	Fresh	D, S	Sandy clay 22; stones 27; blue clay 74; hardpan 89; brown limestone 130; grey limestone 149; black drift 173. Water from 135 to 173.
Con III	D. Tuer	"	Oct. 4, 1963	4	10	66	65	"	D, S	Top clay 7; clay stones 38; stones 49; hardpan 80; clay 117; hardpan 122; brown limestone 135; hardpan 144; brown limestone 170; white limestone 195. Water from 180 to 195.
Con IV	Ont. Dept. of Highways	C. Goodberry Well Drilling Ltd.	Dec. 16, 1960	6	10	112	75	"	P	Clay 17; hardpan 175; shale limestone 227. Water at 210.
Con V	W. Fischer	W.D. Hopper & Sons	Oct. 23, 1961	4	12	76	67	"	D, S	Yellow clay stones 42; blue clay 72; hardpan 110; gravel 114; hardpan 129; brown rock 174. Water from 160 to 174.
Con V	N. W. Mitchie	"	Aug. 7, 1962	4	10	97	83	"	D, S	Old well 20; clay stones 58; gravel 59; clay stones 103; grey rock 169. Water from 150 to 169.
Con V	W. Holmes	"	May 15, 1960	4	6	100	90	"	D, S	Clay stones 110; grey limestone 205. Water from 200 to 205.
Con VI	H. Robinson	"	Aug. 8, 1962	4	7	37	35	"	D	Clay fill 6; clay stones 78; gravel 83; hardpan 92; white limestone. Water from 78 to 83.
Con VI	K. Jordan	H.A. Kerr	Dec. 30, 1960	5	15	35	26	"	D, S	Boulder clay 51; gravelly clay 63; grey limestone 68; water at 67.
Con VII	J. Willows	C.&H. Kerr	Sep. 18, 1961	5 1/2	13	45	35	"	D, S	Stony clay 7; gravel 12; brown clay 58; gravel 84; grey rock 108.
Con VII	M. Kane	W.D. Hopper & Sons	Dec. 16, 1960	4	8	75	65	"	D, S	Clay stones 7; blue clay 89; stony gravel 92; stony clay 137; hardpan 154; brown limestone 187. Water from 180 to 187.
Con VII	L. Neasum	C.&H. Kerr	Feb. 28, 1961	4	13	100	85	"	D, S	Boulder clay 50; stony clay 80; sandy clay 100; blue clay 120; stony blue clay 135; grey rock 203. Water at 202.
Con VIII	J. McDougal	R. Hudson	Oct. 5, 1962	36	8	6	6	"	D	Topsoil 1; fine gravel 8; clay big stones 12. Water at 6.
Con XIII	H. Friesen	"	Jun. 27, 1963	36	15	3	3	"	D, S	Brown clay 12; stones 13; clay 14. Water at 13.
Con XIV	J. J. Oke	"	Jul. 28, 1962	36	4	16	6	"	D	Brown clay 3; gravel 5; blue clay 16; gravel 17. Water at 16.
Con XIV	F. Anderson	W.D. Hopper & Sons	Apr. 13, 1961	4	10	20	17	"	D, S	Yellow clay stones 43; gravel 49; clay stones 82; grey limestone 114. Water from 100 to 114.
Con XVIII	W. Brown	C.&H. Kerr	Mar. 20, 1963	5	13	163	150	"	D, S	Dug well 4; stony clay 85; grey limestone 171. Water at 168.
MRE	R. Walkom	"	Aug. 30, 1961	4 1/2	13	140	123	"	D, S	Blue clay 58; boulder clay 65; stony clay 188; hard grey limestone 239. Water at 238.
MRE	B.R. Wiebe	E.B. Hussey	Jun. 22, 1961	4	4	165	89	"	D, S	Old dug well 22; sand stones 30; hard clay streaks hardpan 57; sand gravel 93; gravelly hardpan 105; hard brown limestone 150; soft brown limestone 215. Water from 110 to 210.
MRE	"	"	Aug. 2, 1961	4	5	40	21	"	D, S	Yellow clay limestone boulders 55; hardpan 74; rock streaks stones 60; hardpan 74. Water from 67 to 72.
MRE	L. Pride	R. Hudson	Oct. 6, 1962	36	2	25	23	"	D	Topsoil 1; gravel sand 26. Water at 23.
MRE	N. Fridham	Durham Drillers	Nov. 6, 1961	4	5	230	208	"	D, S	Clay boulders 60; clay 180; brown rock 220; white rock 245. Water at 243.
Hibbert Twp.										
Con I	U.S.S.# 1	W.D. Hopper & Sons	Sep. 15, 1960	4	12	50	45	Fresh	P	Sandy clay 10; blue clay 60; hardpan 107; loose shale rock 115; brown limestone 173. Water from 160 to 173.
Con I	J.D. Malcolm	F.W. Jackson	Feb. 23, 1961	4	10	65	52	"	D	Black loam 1; yellow clay grit 10; blue clay grit 65; limestone 68; blue clay limestone 98; red blue stone hard heads 100; blue clay limestone 117; limestone 119; reddish frenton rock 149.
Con I	E. Kleinfeldt	"	Jan. 1, 1961	4	10	60	50	"	D	Water at 68; 98; 117 and 125.
Con I	P. VanBergen	"	Oct. 14, 1961	4	13	44	45	"	D, S	Black clay loam 24; yellow clay 18; blue clay stone 60; blue clay stone 100; gravel 132; rock clay 153; frenton rock 148. Water at 100 and 132.
Con I	"	"	"	"	"	"	"	"	"	Clay gravel 114; brown limestone 152; grey brown limestone 166.

Con I	A. Kramers	W.D.Hopper & Sons	Feb. 11, 1960	4	10	42	35	Fresh	D	Clay stones 82; blue clay 96; gravel 100; brown rock 141. Water at 141.
Con I	Con Dept. Public Works	F.W. Jackson	Feb. 21, 1962	4	12	45	38	"	P	Pit 2; yellow hardpan 10; blue clay stone 20; clay grit rock stone 9; limestone 140. Water at 20, 70 and 130.
Con I	"	W.D. Hopper & Sons	Apr. 18, 1963	4	13	36	35	"	D	Top clay 5; sand 9; clay stones 55; hardpan 80; cemented gravel 92; brown limestone 120; dark grey limestone 128; white limestone 144. Water from 129 to 144.
Con II	"	"	Nov. 19, 1963	4	10	40	36	"	D, S	Yellow clay stones 8; gravel 19; blue clay stones 52; hardpan 62; brown limestone 120. Water at 120.
Con II	"	"	Nov. 28, 1963	4	10	48	46	"	D, S	Tonsell 1; yellow clay 10; blue clay 27; coarse gravel 34; hardpan 90; brown limestone 140. Water from 130 to 140.
Con III	"	"	May 2, 1963	4	14	53	45	"	P	Top clay 5; blue clay 55; hardpan 64; cemented gravel 104; grey limestone 129; white limestone 142. Water from 130 to 142.
Con IV	"	"	Jun. 29, 1960	4	10	83	78	"	D, S	Yellow clay stones 28; blue clay stones 11; gravel 118; brown limestone 198. Water from 175 to 198.
Con IV	"	"	Jul. 2, 1960	4	10	46	38	"	D, S	Clay stones 113; grey limestone 195. Water from 190 to 195.
Con IV	P.J. Jordan	F.W. Jackson	Sep. 27, 1962	4	12	38	18	Sulphur	S	Old well 20; clay grit 69; stones gravel clay 73; limestone black slate 89. Water at 89.
Con IV	"	"	Mar. 15, 1962	4	12	20	17	Fresh	D	Blackish clay loam 4; yellowish clay 20; gravel 25; clay grit 50; grit rock 63; limestone 77. Water from 68 to 77.
Con IV	"	"	Feb. 12, 1962	4	5	80	10	"	D	Old well 20; blue clay grit 46; clay stone gravel 59; grey limestone 100. Water at 55.
Con V	"	"	Aug. 3, 1961	4	20	125	4	Sulphur	D, S	Open well 18; clay stone 30; blue clay grit 50; grit clay 88; yellowish rock 95; limestone 129; limestone blackish rock 135. Water at 95 and 129.
Con V	"	"	Sep. 22, 1962	4	15	28	18	Fresh	D	Clay loam 3; sand clay 6; clay grit 25; grit clay stones 45; gravel 58; limestone 72. Water at 45 and 68.
Con VI	"	"	Aug. 10, 1961	4	5	204	204	"	D	Blue clay 40; clay stone 60; gravel 69; light dark Guelph rock 222. Water at 92 and 212.
Con VI	"	"	Jan. 9, 1963	4	4	63	59	"	D, S	Blackish clay 2; hardpan grit 12; blue clay 20; boulders clay 30; rock clay 69; limestone 83. Water at 72.
Con VI	"	W.D.Hopper & Sons	Aug. 27, 1962	4	8	120	120	"	P	Top clay 7; clay stones 25; blue clay 47; hardpan stones 80; white limestone 137; grey limestone 162. Water from 140 to 162.
Con VII	"	F.W. Jackson	Nov. 10, 1962	4	6	165	160	"	D	Open well 20; clay grit 70; gravel boulders 130; Trenton rock 200. Water at 185.
Con VIII	"	R. Hudson	Jul. 24, 1962	36	3	19	12	"	S	Brown clay 12; gravel 13; blue clay 30. Water at 12.
Con VIII	"	"	Oct. 8, 1962	36	5	23	12	"	S	Clay stone 4; gravel 16; Water at 12.
Con IX	"	"	Oct. 8, 1962	36	3	24	23	"	D, S	Tonsell 2; brown clay 12; blue clay 23; gravel 26. Water at 23.
Con X	"	W.D.Hopper & Sons	May 27, 1960	4	10	253	250	"	D, S	Dus well 34; rock 32; brown limestone 200; white limestone 250; grey limestone 300. Water from 250 to 300.
Con XI	"	R. Hudson	Aug. 9, 1963	36	36			"	"	Brown clay stones 15; blue clay stones 35. Dry hole.
Con XI	"	"	Aug. 10, 1963	36	36			"	"	Brown clay stones 15; blue clay big stones 35; rock. Dry hole.
Con XII	"	"	Aug. 10, 1963	36	10	12	3	"	D, S	Tonsell 2; clay 10; gravel 12; blue clay 16. Water at 10.
Con XII	"	"	Sep. 17, 1963	36	36			"	"	Brown sandy clay 10; blue clay big stones 19. Water from 8 to 10.
Con XII	"	"	Oct. 16, 1963	36	2	19	16	"	D, S	Brown clay 13; gravel 16; hard clay 20. Water at 16.
Con XIII	"	"	Oct. 12, 1962	36	3	23	22	"	D, S	Brown clay 15; blue clay stones 22; gravel 25. Water at 22.
Con XIV	"	Haddock Well Digging	Jun. 16, 1962	30	15	17	8	"	S	Tonsell 1; brown clay rocks 9; blue clay 11; gravel 17. Water at 14.
Con XIV	"	"	Nov. 5, 1963	36	1	20	18	"	D, S	Brown clay 16; gravel 19; blue clay 23. Water at 18.
THN	"	"	Nov. 7, 1963	36	10	15	12	"	D, S	Brown clay 12; gravel 16; blue clay 19. Water at 19.
TRS	"	"	Aug. 7, 1963	36	15	9	7	"	D	Brown clay 7; stone clay 9; stones 10. Water at 7.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Logan Twp.										
Con I lot 2	F. Geisler	W.D.Hopper & Sons	Nov.25,1963	4	10	17	15	Fresh	D,S	Topsoil 1;yellow clay 12;coarse gravel 15;hardpan 48;loose limestone 38;brown limestone 105. Water from 95 to 105.
Con I " 35	E. Healy	"	Jan.24,1961	4	12	53	50	"	D,S	Fill 4;yellow clay 10;blue clay 30;hardpan 110;loose rock 115;brown limestone 166. Water from 159 to 166.
Con II " 16	H. Adams	"	Feb.15,1963	4	11	35	33	"	D,S	Top clay 5;sand 9;clay stones 28;blue clay 80;stones 83;hardpan 92;brown limestone 115;white limestone 132. Water from 115 to 132.
Con II " 27	L. Barker	"	Nov.21,1960	4	10	56	52	"	D,S	Stony clay 28;hardpan 92;stones clay 97;grey limestone 152. Water from 145 to 152.
Con II " 35	E. Rowland	F.W. Jackson	Nov.17,1962	4	12	60	50	"	D	Clay fill 2;yellow hardpan 10;grit boulders stone clay 80;clay grit 59;limestone 109;Trenton rock 124. Water at 110.
Con III " 3	W. McPadden	W.D.Hopper & Sons	May 6, 1961	4	11	24	22	"	D,S	Topsoil 2;clay stones 26;blue clay 50;hardpan 82;brown limestone 136. Water from 120 to 136.
Con III " 6	L. Gardner	F.W. Jackson	Jul.1, 1961	4	10	83	68	"	D	Clay loam 2;yellow clay hardpan 16;sand 40;blue clay grit 70;sand 80;gravel 90;clay grit 94;sandstone rock 104; limestone 121. Water at 16, 70 and 115.
Con III " 24	J.W. Wintering- ham	W.D.Hopper & Sons	Jul.25,1960	4	10	53	50	"	D,S	Clay stones 120;limestone 154. Water at 150.
Con III " 32	L. McCarthy	"	Feb.18,1961	4	10	53	50	"	D,S	Topsoil 1;yellow clay 10;hardpan 90;rock 85;yellow limestone 140;brown limestone 170. Water from 160 to 170.
Con IV " 17	W. Hill	"	Oct.15,1960	6	60	24	20	"	In	Yellow clay stones 45;gravel 50;stony brown clay 70;brown limestone 147. Water from 137 to 147.
Con IV " 33	C. Higginell	"	Oct. 7,1960	4	11	47	46	"	D,S	Yellow clay 23;clay stones 70;hardpan 99;gravel 104;hardpan 113;brown limestone 154. Water from 140 to 154.
Con V " 13	D. Rose	"	May 1,1961	4	10	31	31	"	D,S	Fill 7;clay stones 32;stones hardpan 54;hardpan limestone 108;white limestone 121. Water at 121.
Con V " 15	E. Rook	"	Jul.30,1963	4	12	33	30	"	D,S	Topsoil 1;yellow clay 10;blue clay 50;stony hardpan 82;rock 85;brown limestone 119. Water from 135 to 143.
Con V " 18	Stovel & Hall	"	Mar.16,1963	6	10	39	32	"	C	Yellow clay 16;blue clay 58;hardpan 79;gravel 84;brown limestone 202. Water at 202.
Con VI " 12	L. Rolph	"	May 16,1961	4	13	20	18	"	D,S	Clay stones 12;gravel stones 26;hardpan 65;white limestone 115;grey limestone 125. Water at 110 and 125.
Con VII " 8	K. Wood	"	Oct.15,1962	4	14	24	22	"	D,S	Top clay 4;clay stones 22;blue clay 45;hardpan 54;yellow limestone 109;grey limestone 139. Water from 120 to 139.
Con VII " 9	P. Connolly	"	Jun.12,1962	4	13	14	13	"	D,S	Top clay 6;sand 9;blue clay 24;stones 34;hardpan 56;dark brown limestone 97;brown limestone 115. Water from 97 to 115.
Con VII " 14	L. Squires	"	Jun. 5,1961	4	13	26	18 1/2	"	D,S	Fill 6;silly clay 33;stony hardpan 80;white limestone 115;grey limestone 125. Water at 110 and 125.
Con VII " 23	R. Brotherton	"	Oct.24,1963	4	13	34	33	"	D	Top clay 5;sand 2;stones 25;hardpan 62;clay 79;brown limestone 130;white limestone 154. Water from 130 to 154.
Con VIII " 18	F. VanDyvel	"	Nov.22,1963	5	14	29	28	"	D,S	Top clay 5;clay 14;stones clay 35;blue clay 47;brown limestone 81;light brown limestone 99. Water from 81 to 99.
Con VIII " 23	K. Neubrand	"	Oct. 5,1962	4	14	27	25 1/2	"	D,S	Fill stones clay 5;clay stones 24;hardpan stones 60;stone 67;clay 70;yellow limestone 124;grey limestone 149. Water from 124 to 149.
Con VIII " 31	E.S. Ahrens	F.W. Jackson	Jun.21,1962	4	12	72	43	"	D	Gravel stone 8;yellowish clay 20;blue clay grit 60;shale 62; blue clay 85;gravel rock 95;brown tan Trenton rock 115. Water at 85 and 103.
Con VIII " 34	I. Bennetries	"	Dec.15,1960	4	10	60	30	"	D	Dark clay consoil 1;sand stones 12;limestone clay 80;reddish Trenton rock 45;grey blackish limestone 99. Water at 85.
Con IX " 29	C. Rose	"	Jan.13,1961	4	10	60	52	"	D	Black clay consoil 1;grey blackish limestone 99. Water at 85. 25% blue clay 75% blue clay 84;reddish rock 104;reddish soft mix 109;red Trenton rock 133. Water at 80, 90, 104 and 120.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Morrington Twp. - cont. Con I	M. Schultz	N. Steinman	Aug. 13, 1960	4	10	74	49	Fresh	D, S	Brown clay 66; gravel hardpan 116; brown clay 128; hardpan 170; gravel 183; hardpan 187; brown clay 208; gravel 220. Water at 220.
Con I	M. Mayberry	"	Oct. 27, 1961	5	9	76	42	"	D, S	Brown clay 24; fine sand 41; grey clay 69; hardpan 86; fine sand 87; hardpan 146; rock slab 153; brown limestone 174. Water from 64 to 74.
Con II	A. Baird	G.L. Davidson	Feb. 17, 1961	4	12	44	30	"	S	Clay sand 36; stony hardpan 114; brown shale 123; hard brown rock 152. Water at 152.
Con II	W. Poole	Steinman & Baird	Sep. 7, 1963	4	12	75	46	"	D, S	Grey clay 86; brown clay 90; dirty sandy gravel 113. Water at 109 and 113.
Con II	A. Brunk	N. Steinman	Mar. 2, 1961	5	12	53	47	"	D	Grey clay 67; hardpan 76; dirty clay 92; gravel 96. Water from 92 to 96.
Con II	I. Schwartzent- ruber	"	Aug. 30, 1960	5	12	72	60	"	D, S	Brown clay 18; fine sand 24; hardpan 34; blue clay 138; hardpan 144; brown clay 180; gravel 182. Water from 100 to 182.
Con III	H. Schade	Durham Drillers	Mar. 10, 1961	4	15	25	23	"	D, S	Dug well 27; clay 122; sand 217; clay small stones 253; grey limestone 325. Water at 316.
Con IV	N. Steukley	N. Steinman	Nov. 27, 1961	4	12	55	47	"	D	Grey clay 22; blue clay 41; hardpan 99; brown clay 110; hardpan 121; shale 123; grey limestone 132. Water at 132.
Con IV	I. Henning	HedcoWell Drilling	Jan. 19, 1961	30	25	16	10	"	D, S	Tonsil 11; brown clay 53; gravel sand 16. Water at 10.
Con IV	R. Kuefer	G.L. Davidson	May 1, 1962	4	12	50	40	"	D, S	Clay 15; sand 26; hardpan 60; sand 87; hardpan 117; sand 127; shale 153; grey limestone 170. Water at 170.
Con IV	D. Leis	"	Dec. 3, 1962	4	15	32	14	"	D, S	Sand 5; clay 48; hardpan 90; shale 102; grey rock 142. Water at 142.
Con V	L. Ropp	"	Jun. 1, 1961	4	20	22	12	"	D, S	Sand gravel 1; stony clay 56; stony hardpan 88; soft brown shale 10; brown limestone 140; grey limestone 157. Water at 157.
Con V	R. Steukley	"	Jan. 3, 1962	4	14	36	29	"	D, S	Clay 5; sand 34; gravel stones 54; hardpan 123; brown shale 123; brown rock 168. Water at 168.
Con VI	I. Kuefer	"	Jan. 28, 1961	4	12	52	44	"	D, S	Old dug well 46; sand gravel 54; stony hardpan 102; soft shale 114; hard brown rock 165. Water at 165.
Con VI	A. Brennehan	C. Keeso	Sep. 4, 1963	4	13	37	35	"	D, S	Dark sandy soil 3; sandy clay gravel 56; brown shale 122; brown limestone 154. Water from 144 to 154.
Con VII	M. Davidson	G.L. Davidson	Feb. 2, 1963	4	10	55	47	"	D, S	Clay 7; hardpan 47; sand 53; hardpan 100; shale 131; brown rock 185. Water at 185.
Con VII	B. Wallace	HedcoWell Drilling	Jul. 24, 1962	27 1/2	2	27	20	"	D	Tonsil 11; brown hardpan 14; blue clay 20; gravel 21; blue clay 23; gravel 25; blue clay rocks 28. Water at 20.
Con VIII	S. Area No. 1	C. Keeso	Jun. 21, 1963	5 1/2	85	38	37	"	P	Tonsil 2; hardpan boulders 68; sandy clay gravel 102; brown shale 127; brown gravel limestone 175; brown limestone 192; white limestone 220. Water at 180 and 210.
Con VIII	C. Herffort	Bones Drilling Co.	Nov. 22, 1963	30	10	23	18	"	D, S	Brown clay 6; grey clay 18; coarse sand 23. Water at 18.
Con XI	G. Torrence	C. Keeso	Nov. 9, 1961	4	15	45	43	"	D	Dug well 32; hardpan gravel 54; sandy clay gravel 111; brown shale 154; brown limestone 170. Water from 160 to 170.
Con XII	S. Stemmler	Durham Drilling	Mar. 15, 1963	4	12	60	50	"	D	Clay 100; gravel boulders 150; brown clay 175; stones gravel 190. Water at 182 and 190.
Con XIII	J. Henhoefter	C. Keeso	May 15, 1961	4	18	50	48	"	D, S	Tonsil 3; clay boulders 100; brown clay 124; brown shale 144; white limestone 158; blue limestone 164; brown limestone 199; blue limestone 204. Water from 180 to 204.
North Easthope Twp. Con I	D. Heinbuch	C. & H. Kerr	Mar. 14, 1960	6	15	35	41	Fresh	P	Blue clay 30; gravel 32; blue clay 65; stony clay 72; gravel clay 74; clay 75. Water from 72 to 74.

North Con I	Eastbone 100 ft	L. Fletsch	G.J. Wallis	Dec. 17, 1963	6	20	38	27	Fresh	D, S	
Con I	"	33	M. Wilhelm	Oct. 16, 1963	6	20	41	33	"	D, S	Gravelly brown clay 20; gravelly gray clay 61; sandy gray clay 78; cemented sand gravel 88; sand gravelly blue clay 110; sandy blue clay 151; clay silt sand gravel 140; hard gravelly blue clay 171; light brown limestone 225. Water at 195 and 220.
Con I	"	36	J. Hood	Apr. 8, 1961	5	15	60	40	"	D, S	Blue gravelly clay 35; fine brown sand 101; blue clay gravel stones 135; cemented sand gravel 172; clay seems light brown limestone 230. Water at 206 and 228.
Con I	"	36	Eyerson Leather Goods	Jul. 15, 1961	4	10	70	40	"	In	Old dug well 28; blue clay 43; harden 100; blue clay 123; sand 198; blue clay 138; gravel 143. Water at 138.
Con I	"	36	G. Weinheimer	May 1, 1963	4	10	45	40	"	P	Tonsoll 1; yellow clay 15; sand 20; blue clay 60; stony horizon 205; loose rock 209; brown limestone 240. Water from 235 to 240.
Con I	"	36	Jones Mfg. Co. Lid.	Nov. 18, 1963	5	15	75	39	"	C	Tonsoll 1; yellow clay 15; sand 20; blue clay 60; stony horizon 205; loose rock 209; brown limestone 240. Water from 235 to 240.
Con I	"	37	D.R. Morris	Apr. 27, 1960	5	15	30	16	"	D	Cemented gravel limestone 204; brown limestone 256.
Con I	"	40	K. Abel	May 31, 1961	30	8	25	12	"	D	Water from 240 to 256.
Con I	"	43	J. Ugarl	Aug. 1, 1961	4	10	58	55	"	D	Tonsoll 2; gravel 7; gravel clay 19; red clay 40; sand 45; sand clay 85; horizon clay 166; sand 169; gravel 171. Water at 170.
Con II	"	7	S.S.# 7	Jul. 26, 1960	4	15	36	34	"	P	Tonsoll 2; gravel 7; gravel clay 19; red clay 40; sand 45; sand clay 85; horizon clay 166; sand 169; gravel 171. Water at 170.
Con II	"	25	E. Burchetzki	Jan. 22, 1962	30	5	29	24	"	D, S	Clay 2; brown sand 38; coarse sand 51. Water at 50.
Con II	"	43	J.D. Kelley	Dec. 3, 1962	5	15	110	90	"	D, In	Tonsoll 1; brown clay 7; brown sand 12; blue clay 25; gravel 26. Water at 25.
Con II	"	44	K. Langdon	Aug. 25, 1961	30	5	19	12	"	D	Yellow clay 15; stony clay 40; blue clay 85; horizon 152; loose rock 154; brown limestone 207; black white limestone 212. Water from 220 to 212.
Con II	"	45	Dr. K.B. Schlotzhauser	Jul. 16, 1962	5	15	80	62	"	D	Clay 2; marl 24; clay 52; horizon sand 64; sand clay streaks 103; boulders 112; horizon 150; limestone 181. Water from 170 to 181.
Con III	"	14	R.G. Irvine	Sep. 27, 1961	30	1		10	"	D	Tonsoll 1; brown clay 8; brown sand 24; coarse sand 26; fine gravel 30. Water at 24.
Con III	"	28	F. Neeb	Nov. 18, 1963	39	10	8	4	"	S	Blue clay 26; soft blue clay 32; blue clay 65; stony clay 71; blue clay 110; stony clay 130; blue clay 145; grey limestone 189. Water from 180 to 188.
Con III	"	39	T. VanNes	Jan. 4, 1962	4	17	44	42 1/2	"	D, S	Tonsoll 1; brown clay 12; brown fine sand 16; blue sand 20. Water from 12 to 20.
Con III	"	40	W. VanAverbeke	Jun. 11, 1963	4	8	70	65	"	D, S	Brown clay 12; sort brown clay 42; boulders clay 116; brown shale 123; grey limestone 152. Water at 152.
Con III	"	44	E. Czaskowski	Jan. 18, 1963	4	13	80	60	"	D	Tonsoll 2; brown sandy clay 12; blue sandy clay 19; blue clay 24. Water at 15.
Con IV	"	2	H. Kaufman	Jun. 11, 1963	4 1/2	15	59	44	"	D, S	Brown clay 3; coarse brown sand 7; grey clay 15; grey horizon 18. Water at 4.
Con IV	"	10	W. Green	Oct. 25, 1963	6	15	125	32	"	D, S	Clay fill 7; sandy clay 20; blue clay sand 70; clay stones 98; horizon 147; gravel 152; brown limestone 170; grey limestone 207; Water from 190 to 207.
Con IV	"	12	F. Neeb	Sep. 11, 1963	4	15	125	107	"	D, S	Clay 3; sand clay 42; horizon 145; sand 155; horizon 192; gravel 197; horizon 193; grey rock 248. Water at 248.
Con IV	"	17	B. Neidig	Nov. 22, 1962	6	6	110	90	"	D, S	Soft blue clay 30; blue clay 65; stony clay 80; soft blue clay 84; stony blue clay 157; brown limestone 190. Water at 188.
											Sand 15; brown clay 93; blue clay 100; horizon 150; brown limestone 176. Water from 165 to 176.
											Light brown clay 14; sand gravel clay 35; blue clay 140; cemented gravel sand blue clay 190; hard clay gravel stones 201; white grey limestone 255. Water at 236 and 250.
											Blue clay 48; fine sand 59; blue clay 64; horizon 78; grey clay 190; gritty clay 199; horizon 225; shale 243; grey limestone 310. Water at 310.
											Brown clay 20; clay 180; cement gravel 220; stony clay 276; limestone 342. Water at 330.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont.										
North Easthope Con IV lot 37	H. Kollman	P. Ince	Sep. 16, 1963	6	25	50	40	Fresh	D, S	Dug well 15; hardpan 130; quicksand cement gravel 164; limestone 205. Water at 200.
" 38	"	"	Oct. 22, 1962	6	25	50	45	"	D, S	Brown clay 15; blue clay 100; cement gravel 115; brown hardpan 170; limestone 210. Water at 205.
Con V " 3	A. Wettlauffer	C. & H. Kerr	Nov. 30, 1962	4	12	80	60	"	D	Clay 16; soft clay sand 38; clay 120; boulders 150; grey limestone 203. Water at 201.
Con V " 20	Thp. Easthope	J. Moore	Dec. 10, 1962	30	5	40	25	"	P	Topsoil 2; brown clay 45; coarse gravel 50. Water at 45.
Con V " 35	A. Frybogel	P. Ince	Oct. 1, 1963	6	24	45	40	"	D, S	Brown clay 6; quicksand 30; hardpan 120; cement gravel 174; rock 211. Water at 209.
Con VI " 18	A. Cook	Haddock Well Digging	Jun. 14, 1962	30	3	23	18	"	D	Topsoil 1; brown hardpan 6; brown clay 13; brown sandy clay 18; sand 22; hardpan 22; gravel rocks 24. Water at 228.
Con VI " 31	A. Dotzert	P. Ince	Mar. 25, 1963	6	20	65	60	"	D, S	Brown clay 8; quicksand 80; stony clay 247; sandy shale 257; limestone 200. Water at 285.
Con VI " 36	A. G. Horne	"	Sep. 24, 1963	6	24	50	35	"	D, S	Brown clay 8; quicksand 30; hardpan 130; cement gravel 167; rock 218. Water at 216.
Con VIII " 7	W. McDonald	C. & H. Kerr	Aug. 22, 1960	4	15	60	58	"	D	Clay 18; marl 19; clay 70; hardpan 103; boulders 116; clay 158; hardpan 167; limestone 198. Water at 196.
Con VIII " 28	S. Rose	"	Nov. 1, 1961	4	15	60	45	"	D, S	Blue clay 108; stony clay 126; boulders 130; stony blue clay 205; silt- sand 208; stony clay 230; grey limestone 258. Water at 257.
Con VIII " 37	K. Rieck	J. Moore	Jul. 26, 1962	30	10	10	20	"	D	Clay 30. Water at 30.
Con IX " 16	J. Lindner	M. Steinman	Mar. 15, 1960	4	15	48	43	"	D, S	Clay 24; sandy clay 29; sand 41; fine dirty gravel 57; blue clay 79; hardpan 84; sand 85; fine dirty gravel 102; hardpan 102; gravel 156; clay 178; gravel 191. Water at 191.
Con IX " 34	A. Satchell	Haddock Well Digging	May 31, 1962	27 1/2	4	29	15	"	D, S	Topsoil 1; brown clay 13; blue sand 18; blue clay 20; blue sand 24; blue clay 30. Water at 15 and 20.
Con IX " 35	M. Carroll	W. D. Hopper & Sons	Oct. 30, 1962	4	14	38	37	"	D, S	Yellow clay stones 34; sandy clay 72; stones 76; hardpan 132; hardpan stones 158; brown limestone 169; white hard limestone 186; brown limestone 209; white hard limestone 228; brown limestone 238. Water from 223 to 238.
Con IX " 36	H. Gray	Haddock Well Digging	Jul. 12, 1961	30	10	29	12	"	D	Topsoil 1; brown clay 6; brown fine sand 16; blue clay 25. Water from 8 to 16.
Con X " 13	F. Robertson	C. & H. Kerr	Jan. 21, 1963	4	20	30	20	"	D	Boulders clay 35; hardpan 95; boulders 130; sandy clay 181; limestone 200. Water at 200.
Con X " 21	W. McDonald	"	Nov. 13, 1962	4	17	30	3	"	D, S	Brown clay stones 22; blue clay 39; stony clay 120; gravelly clay 146; grey limestone 152. Water at 150.
Con X " 22	K. A. Both	E. McLaughlin & Sons	Jun. 18, 1960	5	15	55	30	"	D, S	Topsoil 1; hardpan sand 24; brown stones 81; hardpan clay 135; quicksand 41; hardpan 167; gravel 169. Water at 167.
Con X " 28	J. Berg	J. Moore	Nov. 13, 1963	30	10	20	18	"	S	Fine sand 20; coarse sand 25. Water at 18.
Con XII " 24	W. Schmidt	Steinman & Baird	Oct. 22, 1962	4	14	86	71	"	D, S	Grey clay 59; hardpan 66; grey clay 113; dirty fine sand 118; hardpan 148; grey brown shale hardpan 186; grey brown limestone 252. Water from 225 to 251.
Con XII " 31	A. Shultz	N. Steinman	Jul. 28, 1960	4	15	74	29	"	D, S	Hard gritty clay 31; brown clay 47; sandy clay 58; blue clay 73; hardpan 81; dark clay 101; gritty clay 145; clay rock 156; brown limestone 184. Water from 180 to 184.
St Mary's Town St. Mary's Town	Quirling Club	W. D. Hopper & Sons	May 21, 1963	5	12	37	35	Fresh	P	Stony clay 10; rough gravel 25; hardpan 30; grey limestone 90; brown limestone 165. Water at 130, 150 and 165.

O. Wegler	Steinman & Baird	Mar. 29, 1963	4	15	60	33	Fresh	D, S	Brown clay 22; grey clay 35; stony grey clay 54; sand 135; coarse sand gravel 152; stony clay 170; sandy gravel 177; grey limestone 185. Water from 183 to 185.
" 11 A. Antennemann	C. & H. Kerr	Apr. 6, 1960	4 1/2	15	30	24	"	D	Clay 24; silt 25; clay 42; fine sand 131; hardpan 158; sand clay gravel 170; limestone 190. Water at 190.
" 20 W. Roth	G. J. Wallis	Sep. 27, 1963	6	20	32	26	"	D, S	Brown gravelly clay 24; sand 32; grey sandy clay 62; grey clay 140; cement sand gravel clay 196; sand gravel silt 208; light brown rock 240. Water at 237.
" 21 E. Kilnham	C. & H. Kerr	Jan. 15, 1962	4	15	24	16	"	D	Blue clay 30; soft blue clay 80; blue clay 195; grey limestone 229. Water at 229.
" 21 Muttart Homes Toronto Ltd.	Hiscock Well Digging	Aug. 31, 1962	27 1/2	3	39	23	"	D	Topsoil 1; brown clay 12; blue grey clay 22; sand 26; grey clay 20; gravel 32; blue clay 36; sand 39; clay 40. Water at 22, 30 and 36.
" 22 C. N. R. Station	"	Nov. 30, 1962	30	3	28	18	"	D	Cinder fill 5; brown mucky sand 8; brown clay 14; blue clay 18; gravel sand 22; blue clay 23; gravel 25; blue clay 27; gravel sand 28; blue clay rocks 29. Water at 18, 23 and 27.
" 25 K. Fink	F. Ince	Oct. 29, 1963	6	24	60	50	"	D, S	Brown clay 16; hardpan 186; gravel 24; rock 256. Water at 250.
" 27 A. Keblel	"	Oct. 9, 1963	6	24	60	60	"	D, S	Brown clay 8; hardpan 190; cement gravel 21; limestone 230. Water at 228.
" 37 K. Kern	C. & H. Kerr	Oct. 12, 1960	5	15	18	14	"	D	Top clay 4; dirty sand 47; clean sand 50. Water from 45 to 50.
" 37 K. Tolton	W. D. Hopper & Sons	Apr. 17, 1963	5 1/2	15	20	15	"	D	Brown clay 46; coarse sand 53. Water from 48 to 53.
" 37 K. Tolton	"	Sep. 10, 1962	4	10	48	45	"	D	Yellow clay 10; sand 80; hardpan 180; cement gravel 194; brown limestone 230. Water from 210 to 230.
" 38 W. Anderson	"	Mar. 29, 1963	4	10	39	38	"	D	Yellow clay 18; sand 35; blue clay 55; hardpan 179; gravel 186; brown limestone 214. Water from 210 to 214.
" 40 G. Mohrmann	C. & H. Kerr	Jun. 10, 1960	4	15	69	62	"	D	Clay 16; gravel 20; clay 80; gravel 81; hardpan 138; sand clay streaks 168; limestone 188. Water at 185.
" 40 P. Duock	W. D. Hopper & Sons	Jun. 28, 1961	4	10	60	55	"	D	Fill to topsoil 4; yellow clay 15; blue clay 60; hardpan 160; cement gravel 170; loose rock 179; brown limestone 218. Water from 200 to 218.
" 40 P. Kennett	Hiscock Well Digging	Dec. 16, 1961	27 1/2	4	19	8	"	D	Topsoil 1; brown clay 8; fine gravel 11; grey sandy clay 20. Water at 9.
" 42 E. Baps	C. & H. Kerr	Nov. 1, 1960	4 1/2	15	65	55	"	D	Stony blue clay 160; grey limestone 174. Water at 174.
" 42 J. Innes	"	Oct. 15, 1963	4	12	52	40	"	D, S	Brown clay boulders 50; sandy clay 165; grey limestone 174. Water at 171.
" 44 Fischer Bearing Co.	"	Aug. 18, 1961	8	275	67	62	Sulphur	In	Brown clay 26; boulders clay 88; dirty gravel 94; clay 127; gravel 128; hardpan 148; shale 153; brown white streaks limestone 297. Water from 180 to 297.
" 17 E. Burdacho	G. J. Wallis	Oct. 7, 1963	6	20	75	21	Fresh	D, S	Light brown clay 21; grey sand 30; blue clay 86; hard clay gravel 106; cement sand gravel 124; hard clay 140; sand gravel clay 162; hard gravel backed clay 169; light brown limestone 180. Water from 169 to 180.
" 20 L. Wilhelm	"	Mar. 2, 1963	6	25	68	14	"	D, S	Light brown clay 24; grey sandy silt 55; blue clay gravel stones 74; dirty sand gravel silt 102; sand gravel clay 120; sand clay silt 127; hard clay gravel 167; grey limestone 199. Water at 196.
" 21 G. J. Wilhelm	"	Sep. 20, 1963	6	20	40	17	"	D, S	Light brown clay 25; grey sandy silt 58; grey clay sand gravel 70; sandy grey clay 88; sand clay 110; gravelly grey clay 171; brown rock 210. Water at 205.
" 25 C. Faulhafer	C. & H. Kerr	Jun. 29, 1963	4	12	60	46	"	D, S	Blue clay 100; sandy clay 122; blue clay 148; sandy clay 162; blue clay 180; brown rock 220. Water at 216.
" 36 J. Sebben	G. J. Wallis	Dec. 31, 1963	6	15	60	35	"	D, S	Gravelly brown clay 18; sand gravelly blue clay 130; hard blue clay gravel 164; brown limestone gravel 170. Water at 164.
" 41 P. Langford	W. D. Hopper & Sons	Apr. 22, 1963	4	8	40	40	"	D	Clay 26; stony 31; sand 173; grey rock 212. Water at 212.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. South Eastshore Twp - cont. Con III										
lot 16	I. Zehr	Steinman & Baird	Mar. 21, 1963	4	18	52	42	Fresh	D, S	Brown clay 16; sand clay 36; fine sand 69; grey clay 94; gritty hardpan 115; fine sand 126; hardpan 154; limestone 159; grey limestone 186. Water from 182 to 186.
" 21	J. Detrich	G.S. Wallis	Mar. 22, 1963	5	15	54	38	"	D, S	Light brown clay loam 12; grey clay 35; fine sand clay 62; blue clay sand 131; stones gravel clay 138; fine sand 161; clay gravel 176; gravelly hardpan limestone 179; grey limestone 201. Water at 198.
" 24	W. Berg	C. & H. Kerr	Dec. 19, 1963	4	15	75	60	"	D, S	Brown clay 163; fine sand 165; stony clay 186; grey limestone 227. Water at 226.
" 27	K. Megrazis	W.D. Hopper & Sons	Sep. 5, 1961	4	14	27	25	"	D, S	Fill 7; sandy clay 29; clay 48; sandy clay 80; hardpan 125; hardpan clay 160; hardpan gravel 181; white brown limestone 200; grey limestone 232. Water from 215 to 232.
" 34	L. Faulhafer	C. & H. Kerr	Oct. 18, 1962	5	15	70	50	"	D, S	Dug well 17; blue clay 120; stony blue clay 153; stone sand clay 180; grey limestone 197. Water at 195.
" 44	C. Gray & J. C. Kalbtreisch	J. Moore	Jun. 22, 1963	30	2	25	20	"	D	Tossoil 2; blue clay 25; gravel 35. Water at 25.
" 46	D. Distman & W. Borthwick	W.D. Hopper & Sons	May 31, 1962	4	13	51	50	"	D	Fill 5; sand 9; clay stones 35; hardpan 90; sandy clay 105; hardpan 90; sandy clay 105; hardpan 149; brown limestone 185; grey limestone 201. Water from 195 to 201.
" 13	W. Bender	C. & H. Kerr	May 5, 1963	4	13	70	50	"	D, S	Dug well 18; sand 45; stony clay 85; silty sand 136; stony clay 197; blue limestone 210. Water from 205 to 210.
" 21	A. Walker	C.H. Kent	Nov. 28, 1963	5	12	60	40	"	D, S	Yellow sand 20; quicksand 50; gravel sand 75; sandy hardpan 125; sand 160; dirty gravel 172; grey limestone 177. Water at 177.
" 25	W. Smith	Steinman & Baird	Oct. 2, 1962	4	15	45	38	"	D, S	Brown clay 15; grey clay 21; grey hardpan gravel 45; clay gravel 160; grey clay 165; grey gritty hardpan 206; brown grey limestone 209. Water from 207 to 209.
" 26	O. Reibling	N. Steinman	Sep. 15, 1961	4	14	53	46	"	D, S	Brown clay 30; hardpan stones 55; brown clay 103; hardpan 139; gritty grey clay 160; hardpan 166; brown clay 190; shale 191; limestone 202. Water at 199 and 202.
" 29	W. Otto	C. & H. Kerr	Nov. 27, 1963	4	12	65	47	"	D, S	Brown limestone 199; grey limestone 202. Water at 199 and 202.
" 33	L. Wicke	W.D. Hopper & Sons	Sep. 1, 1960	4	10	70	65	"	D, S	Sandy clay 205; grey limestone 213. Water at 212.
" 36	W. Weitzel	"	Dec. 8, 1961	4	18	36	32	"	D, S	Tossoil fill 3; sand 8; yellow clay 15; blue clay 50; stony hardpan 195; oriented gravel 212; grey limestone 215; brown limestone hard streaks 256. Water from 240 to 256.
" 39	J. Heinbuck	"	May 13, 1963	4	10	52	50	"	D, S	Clay 17; stones clay 35; sand 45; clay 68; sandy clay 97; hardpan 140; clay stones 190; gravel 194; black white limestone 223. Water from 210 to 223.
" 41	E. Kropf	Steinman & Baird	Oct. 7, 1963	4	14	85	71	"	D, S	Tossoil 1; coarse sand 20; gravel 30; blue clay 70; hardpan 180; oriented gravel 187; brown limestone 205. Water from 200 to 205.
" 45	R. Hartfiel	McLaughlin Water Well Drilling	Dec. 3, 1963	5	20	100	75	"	D	Clay 12; sand 37; hardpan 59; grey clay 89; hardpan 106; grey clay 135; hardpan 144; sand 166; gritty hardpan limestone 192; grey brown limestone 224. Water from 200 to 224.
" 20	G. Wettlaufer	C. & H. Kerr	Feb. 20, 1960	4	13	38	31	"	D	Fill 6; soil 8; gravel clay 10; hardpan clay 30; hardpan 60; clay hardpan 143; fine sand 145; limestone 183. Water from 148 to 183.
" 20	B. Schmidt	Hisco Well Drilling	Nov. 24, 1960	30	6	22	12	"	C	Silty sand 38; clay 72; stony clay 130; clay 160; grey limestone 171. Water at 170.
" 23	G. Wettlaufer	C. & H. Kerr	May 24, 1963	4	13	80	60	"	D, S	Tossoil 13; brown clay 9; brown sand 12; coarse sand 24. Water at 13 and 24.
										Brown clay 10; silty sand 93; brown clay 160; stony clay 192; grey limestone 225. Water at 222.

Con. V	lot 24	L.H. Wettlaufer	C. & H. Kerr	Aug. 14, 1963	4	13	60	42	Fresh	D, S	Brown clay 51 sand 57; blue clay 92; stony blue clay 172; sand 201; grey limestone 224. Water at 220.
Con V	" 42	R. Winter	W.D. Hopper & Sons	Feb. 8, 1962	4	12	35	34	"	D, S	Sandy clay 15; clay stones 45; blue clay 80; sand 127; gravel 140; hardpan 170; grey limestone 212. Water from 200 to 212.
Con V	" 43	J. Kurtz	"	Jan. 17, 1963	4	10	42	34	"	P	Old well 251 stones 32; sand 68; stones clay 83; gravel 95; stones clay 157; gravel 162; grey rock 189. Water from 180 to 189.
Con VI	" 30	W. Epp	C. & H. Kerr	May 24, 1961	4	10	103	78	"	D, S	Clay 32; hardpan 106; hardpan 166; boulders 182; brown clay 228; sand 241; fine gravel 248; shale 252; gravel sand 266; brown limestone 277. Water at 275.
Con VI	" 31	W. Blum	"	Sep. 20, 1963	4	13	86	66	"	D, S	Brown clay 48; sandy clay 76; blue clay 139; sandy clay 142; stony blue clay 242; brown limestone 256. Water at 254.
Con VI	" 43	C. Bunbury	J. Moore	Jul. 9, 1962	30	3	20	20	"	D	Sand 20; clay 30. Water at 20.
Con VIII	" 37	A. Ludon	W.D. Hopper & Sons	Jul. 31, 1963	4	8	40	39	"	D, S	Clay 15; clay stones 40; sandy clay 48; hardpan stones 168; gravel 177; grey rock 212. Water at 212.
Con VIII	" 38	V. Steinsacker	"	Sep. 16, 1963	4	10	43	38	"	D, S	Tonsill sand 81; sandy clay 30; hardpan 80; clay sand 115; gravel 121; hardpan 185; grey limestone 216. Water from 210 to 216.
Stratford City		B. Kinkede	H.A. Kerr	Jul. 12, 1961	4	15	80	60	Fresh	D	Blue clay 98; stony blue clay 146; blue clay 160; brown limestone 192. Water at 190.
Stratford City		F.U.C.	International Water Supply Ltd.	Nov. 21, 1961	12	632	120	64	"	F	Topsoll 11 cemented gravel 11; grey clay 58; gravel clay 67; brown clay 86; hardpan 125; brown shale limestone 145; brown limestone 205; red shale 209; grey limestone 297; white limestone 350.
Stratford City		E.K. Kneitl	Hedco Well Diggins Ltd.	May 13, 1963	30	2	15	15	Fresh	D	Topsoll 21; brown sand 51; brown clay 16; sandy blue clay 20; blue clay 40. Water at 6 and 20.
Wallace Twp.	lot 4	E. Bowman	C. Keeso	Jun. 29, 1961	4	18	17	16	Fresh	D	Reddish clay 60; hardpan 82; brown shale 90; white limestone 122. Water from 110 to 120.
Con I	" 29	R. Martin	"	Aug. 18, 1962	4	10	35	25	"	D	Topsoll 21; hardpan gravel 35; clay gravel 58; brown shale 76; brown limestone 134. Water from 124 to 134.
Con I	" 29	A.M. Henderson	"	Sep. 31, 1963	4	15	44	39	"	D	Topsoll 61; clay 40; hardpan 75; sandy clay 90; brown shale 98; brown limestone 174. Water from 165 to 174.
Con II	" 16	Hemphill Estate	"	Dec. 30, 1960	4	14	42	35	"	D, S	Topsoll 31; hardpan boulder 40; blue clay 63; sandy clay gravel 70; brown shale 92; brown limestone 163. Water from 115 to 163.
Con II	" 20	J.H. Berlett	"	Dec. 16, 1963	4	14	40	38	"	D, S	Topsoll 4; gravel clay 36; hardpan 90; shale 98; white limestone 136. Water from 150 to 156.
Con II	" 24	F. Kregar	"	May 5, 1960	4	12	48	46	"	D	Topsoll 31; blue clay 24; hardpan boulders 75; sandy clay gravel 116; brown shale 117; grey limestone 145; brown limestone 160. Water from 144 to 160.
Con II	" 24	W.J. Adams	"	Oct. 12, 1960	4	18	35	35	"	D	Dix well 19; white clay 42; sand clay gravel 71; gravel limestone 84; brown shale 86; white limestone 134. Water at 134.
Con II	" 24	Jack's T.V. Sales	"	Jun. 26, 1962	4	20	48	43	"	P	Topsoll fill 4; white clay gravel 90; brown shale 123; brown limestone 128; white limestone 204. Water from 190 to 200.
Con II	" 25	H.N. Krotz	"	May 24, 1963	5 1/2	50	48	47	"	C	Tonsoll 15; sandy clay gravel 68; clay 102; brown shale 120; hardpan limestone 232. Water from 160 to 232.
Con II	" 25	Corp. Diocese of London Ont.	"	Jun. 10, 1961	4	18	53	52	"	P	Tonsoll fill 10; white clay 32; sandy clay gravel 58; hardpan 114; brown sandy shale 124; brown limestone 158; hard white limestone 178. Water from 156 to 178.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY - cont. Wallace Twp. - cont. Con II lot 31	E. Hallam	C. Keeso	Jan. 23, 1961	4	18	23	21	Fresh	D, S	Topsoil fill 5'; hardpan boulders 18'; sandy clay gravel 58'; brown shale 80'; brown limestone 128'; white limestone 164'. Water from 140 to 165.
Con III	W. Brown	"	Mar. 11, 1961	4	18	70	68	"	D, S	Dug well 28'; hardpan boulders 70'; brown shale 124'; brown limestone 170'. Water from 165 to 170.
Con IV	M. J. McIntosh	"	Aug. 25, 1961	4	15	68	67	"	D, S	Topsoil 3'; sandy clay gravel 15'; white clay 34'; gravel clay 82'; hardpan stones 112'; brown shale 134'; brown limestone 172'; white limestone 183'. Water at 150 to 183.
Con IV	C. Albendorf	"	Jan. 12, 1961	4	18	72	71	"	D	Dug well 40'; white clay 48'; hardpan boulder 74'; sandy clay gravel 98'; brown shale 125'; hardpan brown limestone 152'; white limestone 200'. Water from 170 to 200.
Con IV	C. Hanney	"	Oct. 6, 1960	4	14	69	68	"	D	Topsoil 3'; hardpan boulders 32'; blue clay 68'; sandy clay gravel 84'; brown limestone 133'; white limestone 158'; brown limestone 201'. Water from 180 to 200.
Con IV	M. McIntosh	"	Aug. 3, 1963	4	12	46	42	"	D, S	Topsoil 5'; clay 20'; hardpan 56'; sandy hardpan 100'; sand 116'; shale 124'; brown limestone 172'. Water at 165.
Con IV	R. Hartman	"	Aug. 9, 1962	4 1/2	14	18	14	"	D	Brown clay 30'; hardpan 53'; gravel clay 76'; shale 80'; white limestone 114'. Water at 100 and 112.
Con IV	C. Weber	"	Sep. 21, 1963	4	14	21	15	"	D	Topsoil 4'; blue clay 62'; hardpan 80'; sandy clay 91'; shale 97'; brown limestone 132'. Water at 128.
Con IV	B. Ludwig	"	Jun. 5, 1961	4	15	30	28	"	D, S	Topsoil 6'; sand 30'; brown clay 70'; hardpan 98'; shale 116'; grey limestone 190'. Water at 170.
Con IV	B. Dipple	"	Sep. 20, 1962	4 1/2	15	19	18	"	D	Gravel top clay 10'; brown clay 60'; hardpan 80'; brown shale 100'; brown shale rock 110'; brown limestone 150'. Water from 140 to 150.
Con IV	P. Timmerman	"	Apr. 22, 1963	4	12	26	24	"	D, S	Topsoil 2'; clay boulders 50'; brown shale 74'; brown limestone 140'. Water from 125 to 140.
Con V	C. Scheffer	"	May 11, 1963	4	14	31	29	"	D	Brown clay 40'; hardpan 85'; sandy clay 107'; brown shale 118'; brown hard rock 165'. Water from 155 to 165.
Con V	W. C. Boutledge	"	Sep. 19, 1961	4	18	14	13	"	D, C	Topsoil 3'; clay 13'; sand gravel 34'; sandy clay gravel 68'; brown shale 81'; brown limestone 148'. Water from 135 to 148.
Con V	G. Walter	"	Sep. 6, 1962	4 1/2	15	31	28	"	D	Topsoil 4'; clay 50'; hardpan 72'; sandy clay 100'; shale 115'; white limestone 150'. Water from 140 to 150.
Con V	Malier Farms Ltd.	"	Jul. 3, 1963	5	35	36	32	"	D, S	Topsoil 4'; clay 35'; sandy clay 80'; hardpan 105'; sandy shale 110'; white limestone 170'. Water at 160.
Con V	B. Johnson	"	Sep. 27, 1963	4	15	15	13	"	D, C	Topsoil 5'; clay 35'; hardpan 70'; shale 76'; white limestone 99'. Water at 97.
Con VI	H. Krotz	"	May 10, 1961	4	20	19	18	"	D, S	Clay 20'; hardpan 45'; stony gravel horizon 40'; sandy clay 90'; brown shale 120'; grey limestone 202'. Water from 180 to 200.
Con VII	C. Heintz	G. L. Davids - n	Nov. 15, 1960	4					N	Clay 14'; sandy gravel 29'; stony hardpan 62'; hardpan boulders 86'.
Con VII	"	"	Dec. 8, 1960	4	10	60	52	Fresh	D, S	Clay 14'; sandy gravel 29'; stony hardpan 62'; hardpan boulders 86'; shale 98'; soft limestone 102'; soft brown limestone 138'; soft red shale 146'. Water at 146.
Con VII	J. Streicker	Water Well Drilling	Dec. 3, 1963	4	10	35	35	"	D, S	Gravel 20'; boulders 105'; hardpan boulders 110'; brown limestone 162'. Water at 162.
Con VII	R. Bender	C. Keeso	Nov. 27, 1963	4	14	45	43	"	D, S	Dug well 22'; hardpan 48'; clay 70'; sandy clay 88'; shale 100'; white limestone 182'. Water from 176 to 182.
Con VII	Ont. Hospital	C. Goodberry Well Drilling Ltd.	Jul. 11, 1962	10	225	56	23	"	P	Clay 10'; silt 30'; clay small pebbles 60'; clay 65'; silt 67'; limestone 202'. Water at 175.
Con VII	"	"	Jul. 19, 1962	10		23	23	"	P	Clay 10'; silt 30'; clay small pebbles 60'; clay 65'; silt 67'; limestone 200'. Water at 175.

Wallace Twp. - cont. Con VII lot 26	Evangelical United Brethren Church	C. Keene	Dec. 27, 1962	44	74	30	22	Fresh	P	Dug well 14; brown clay 29; gritty clay 60; sandy clay 95; brown shale 120; brown limestone 232. Water at 230.
Con VII	" 43	R. Giles	Jan. 18, 1963	4	12	28	26	"	D	Topsoil 31; clay gravel 36; hardpan 74; brown shale 106; hard brown limestone 132. Water from 126 to 132.
Con VIII	" 10	P. McComb	Mar. 28, 1961	4	10	25	15	"	D, S	Topsoil 31; clay stones 60; sandy gravel 66; grey limestone 95. Water at 91.
Con VIII	" 10	"	Jun. 28, 1961	4	10	20	18	"	D, S	Drilled well, grey limestone 141. Water at 140.
Con VIII	" 16	C. Carley	Jul. 23, 1962	4	10	25	18	"	D, S	Topsoil 14; boulders 20; stony grey clay 40; quicksand 55; brown rock 75. Water at 70.
Con X	" 7	W. Gregory	Jul. 5, 1962	4	8	20	20	"	D, S	Loam 4; brown clay 55; gravel boulders 70; sand 75; blue rock 81. Water at 80.
Con X	" 8	E. McBeth	Jan. 30, 1962	4	12	26	21	"	D, S	Gravel 15; hardpan 42; soft hardpan 58; brown medium rock 98; brown hard rock 107. Water at 107.
Con XIII	" 9	E. Askett	Sep. 12, 1962	4	21	34	24	"	D, S	Boulders gravel 20; soft grey clay 40; cemented gravel 45; hardpan 60; brown rock 96. Water at 90.
WATERLOO COUNTY										
Ayr Village	Ayr Community Centre	Hadco Well Digging	Jan. 13, 1961	30	75	18	10	Fresh	P	Fill 8; brown clay 10; coarse gravel boulders 20. Water at 10.
Ayr Village	Dr. J. B. Holland	E. McLaughlin	Oct. 12, 1961	5	25	35	18	"	D	Dug well 20; sand silt 40; hardpan 52; coarse sand 57; fine gravel 63. Water from 57 to 63.
Ayr Village	Can. Imperial Bank of Commerce	L. C. Shantz	Jul. 6, 1963	7	Flows		"	"	D	Gravel 30; cemented gravel 60; fine sand 75; clay 100; gravel clay 130; gravel sand 169. Water from 130 to 168.
Ayr Village	A. Wood	"	Aug. 14, 1963	5	10	18	16	"	D	Dug well 20; sand 37; sand gravel 40. Water from 37 to 40.
Ayr Village	J. Dance	"	Aug. 16, 1963	5	10	19	16	"	D	Dug well 18; sand 29; gravel clay 45; sand gravel 48. Water from 45 to 48.
Ayr Village	A. Poll	"	Oct. 9, 1963	5	12	24	20	"	D	Dug well 23; clay sand 40; silty sand 60; sand gravel 67. Water from 60 to 67.
Ayr Village	P. Brown	"	Oct. 30, 1963	5	5	43	34	"	D	Dug well 18; sandy clay 40; gravel clay 58; dirty gravel 70; silty sandy clay 80; sand gravel 85. Water at 85.
Bridgeport Village	P. Harthan	Hadco Well Digging	Dec. 14, 1960	30	15		"	Fresh	D	Topsoil 11; gravel cobble stone 15; blue clay boulders 19. Water at 15.
Bridgeport Vlg.	P. Willworth	"	Apr. 14, 1961	30	3	23	8	"	D	Topsoil 11; gravel 5; blue clay 12; blue hardpan 23. Water from 5 to 8.
GALT CITY										
Galt City	Pump & Power Equipment Ltd.	W. Packham	Mar. 5, 1962	6	15	80	60	Fresh	D	Sandy clay gravel 60; sand 95; coarser sand 105; coarse sand fine gravel 108; limestone 110. Water at 100.
Galt City	K. Turner	"	Dec. 5, 1963	6	24	130	55	"	D	Previously drilled 69; white limestone 208. Water from 85 to 195.
HEARNER TOWN										
Hearner Town	Ont. Dept. Lands & Forests	C. Goodberry Well Drilling Ltd.	Dec. 4, 1962	6	21	54	46	Fresh	P	Topsoil gravel 70; gravel 56; grey limestone 145; brown limestone 169. Water at 70, 100, 130 and 165.
Hearner Town	A. J. Eggen	L. C. Shantz	Jun. 5, 1963	5	12	60	35	"	D	Well pit 6; gravel 18; clay gravel 51; grey rock 80. Water from 51 to 80.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Hespeler Town	L. Hopp	L. C. Shantz	Jun. 17, 1963	5	12	40	18	Fresh	D	Dug well 11; gravel clay 17; clay gravel 31; silty sandy clay gravel 38; grey rock 58. Water from 38 to 58.
	A. Kolb	Graham Well Drilling	Nov. 29, 1963	5	8	70	40	"	D	Dug well 16; stony hardpan 50; hard packed gravel 57; brown limestone 90; dark grey stone 147; grey brown rock 156. Water at 154.
Kitchener City Kitchener City	Water Comm.	International Water Supply Ltd.	Feb. 22, 1960	2	20	81	74	Fresh	T	Brown clay 10; boulders gravel sand 26; sandy clay 31; brown clay sandy streaks 42; blue clay sandy streaks 60; gravel boulders sand clay streaks 74; sandy clay gravel streaks 86; blue clay gravel streaks 91; blue hard clay 115; sandy blue clay gravel streaks 122; boulders sandy clay 123; sandy blue clay gravel 139; cemented sand gravel 140; sandy clay gravel streaks 161; cemented sand gravel 163; sandy blue clay gravel hard packed 179; sandy clay packed 215; gravel boulders sand clay 226; sandy clay 232; gravel boulders sand clay hard packed 256; cemented sand gravel 267; blue shale 268. Water at 74 and 226.
			Mar. 22, 1960	5	10	45	44	Fresh	D	Dug well 38; silty sandy clay 73; gravel sand 79. Water from 73 to 79.
Kitchener City	A. Meyer	L. C. Shantz	Mar. 24, 1960	2	44	9	94	"	T	Sandy clay old wood 2; sand gravel boulders 9; blue clay 50; sandy grey clay gravel 67; sandy blue clay gravel streaks 75; coarse gravel boulders sand 104; sandy clay gravel 111; cemented sand gravel 115; brown limestone 119. Water at 104.
Kitchener City	"	"	Aug. 19, 1960	10	500	149	123	"	T	Sandy stony clay 4; gravel clay 12; clay gravel 19; sand gravel 21; silty stony sand 55; coarse sand gravel 63; brown 203; grey limestone 202; broken limestone clay 249; light brown limestone 400; dark grey limestone 467. Water at 68.
Kitchener City	"	"	Sep. 9, 1960	16	500	76	54	"	T	Gravel sand 20; sandy clay gravel 27; grey stony clay 70; brown 115; blue stony clay 125; limestone shale 175; grey limestone 230; light brown limestone 260. Water at 230 and 260.
Kitchener City	"	"	Feb. 16, 1961	2	13		60	"	T	Muck old wood 6; sand gravel 16; blue clay streaks fine sand gravel 40; silty clay sand packed gravel 71; silty sandy clay gravel 74; silty clay sand gravel streaked packed 118; sandy clay gravel streaks 131; cemented sand gravel 132; sandy clay silt fine gravel 139; sandy blue white clay bxi packed gravel 150; blue clay gravel streaks 152; coarse gravel blue white clay 159; sandy blue white clay gravel hard packed 160; bedrock 161. Water at 40, 132 and 159.
Kitchener City	"	"	Feb. 24, 1961	2	10	95	89	Fresh	T	Sand gravel boulders streaks 27; hard sand streaks 53; sand gravel 56; hard blue clay 85; sandy clay gravel streaks 97; sandy clay hard packed gravel streaks 105; sandy clay gravel streaks 116; sandy clay hard packed gravel 139; sandy clay gravel streaks 156; sand fine gravel 162; sandy clay bxi packed gravel 171; sandy clay gravel hard packed boulders 173; sandy clay gravel boulders hard packed streaks 175; limestone 180. Water at 162.
Kitchener City	"	"	Mar. 2, 1961	5				"	T	Sandy brown clay 4; gravel sand boulders 23; sand gravel streaks 53; blue clay hard sandy 80; sandy clay gravel hard packed 129; blue clay 134; sandy blue clay hard gravel packed 165; sandy clay hard packed gravel streaks 170; brown shale softer streaks 175.

Water Comm.	International Water Supply Ltd.	Mar. 23, 1961	2	17 1/2	69	60	Fresh	T
Kitcheners City	"	Apr. 17, 1961	8	122	84	69 1/2	Subhur	10-61
Kitcheners City	W. Hughes	Jun. 26, 1961	5	5	86	24	Fresh	D
Kitcheners City	International Water Supply Ltd.	Sep. 7, 1961	2					13-61
Kitcheners City	P. Bleck I. Bowman	Sep. 8, 1961 Nov. 3, 1961	5 5	7 14	55 125	40 120	Fresh "	D D
Kitcheners City	R. I. McLaughlin	Jun. 18, 1962	5	12	105	75	"	D
Kitcheners City	S. Snider	Jul. 2, 1962	6	1R	60	48	"	D, S
Kitcheners City	A. Geesbury Estate	Aug. 3, 1962	4	7	110	110	"	D
Kitcheners City	International Water Supply Ltd.	Oct. 17, 1962	5					1-61
Kitcheners City	"	Oct. 29, 1962	2	37	38	32		T
Kitcheners City	"	Sep. 9, 1963	10	400	74	31	Fresh	P

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.									
New Hamburg Town	New Hamburg	C. & H. Kerr	Mar. 2, 1960	6				T	Brown clay 6; soft brown clay 15; blue clay 30; soft brown clay 42; blue clay 42. Dry hole.
New Hamburg Town	"	"	Apr. 25, 1960	6		8	Fresh	T	Brown clay 60; soft brown clay 20; blue clay 32; silty sand 51; clay 53. Water from 32 to 51.
New Hamburg Town	"	"	Aug. 15, 1960	7	20	7	"	T	Blue clay 18; soft blue clay 28; quicksand 32; soft blue clay 54; stony clay 54; stony clay 97; gravel 99; conglomerated gravel 111. Water at 54.
New Hamburg Town	"	"	Aug. 29, 1960	6	27	6	"	P	Clay 4; silty sand 28; soft blue clay 47; hard stony clay 54; stony gravel horizon 55. Water from 54 to 55.
New Hamburg Town	"	"	Mar. 14, 1961	30	12	58	"	D	Topsoil 1; brown clay 18; blue clay 41; blue coarse sand 51; fine gravel sand 58. Water at 51.
New Hamburg Town	P. U. C.	International Water Supply	Nov. 16, 1962					T	Topsoil 4; gravel 27; streak brown clay silt 44; blue clay 50; clay boulders 50; hard clay 59; hard clay gravel 87; clay boulders 91; boulders.
New Hamburg Town	"	"	Nov. 19, 1962	2	50	10	7	T	Topsoil 5; sand gravel 22; silt fine sand 30; clay 36; silt fine sand 37. Water at 7.
New Hamburg Town	"	"	Nov. 20, 1962					T	Topsoil 4; brown clay 12; clay gravel wood 14; soft clay 23; clay 37.
New Hamburg Town	"	"	Nov. 21, 1962	1	40	7	"	T	Topsoil 6; gravel sand 20; soft silty clay 30; clay 31; silt 37. Water at 7.
New Hamburg Town	"	"	Nov. 26, 1962	1	20	8	"	T	Topsoil 2; brown clay 8; sand gravel 14; gravel clay streaks 19; clay boulder 37. Water at 8.
New Hamburg Town	"	"	Nov. 27, 1962	1		9	"	T	Brown clay 11; sand gravel 13; soft silty clay 16; clay gravel boulder 27; silt 34; clay 37. Water at 9.
New Hamburg Town	"	"	Nov. 28, 1962	1		8	"	T	Clay 9; sand gravel 25; dirty silt 34; clay 41. Water at 8.
New Hamburg Town	"	"	Nov. 29, 1962	2		8		T	Clay 9; sand gravel 16; silt small gravel streaks 32; rusty gravel 33; silt soft clay 37.
New Hamburg Town	"	"	Jun. 6, 1963	26	200	16	9	P	Topsoil 1; sandy clay 12; coarse gravel 21; clay streak 22; coarse sand gravel thin streaks clay 27; fine sand fine gravel 29.
North Dumfries Twp. Con VII Lot 3	K. Stafford	W. Packham	Nov. 12, 1962	6	6	120	55	D, S	Dug well 38; stone clay 48; soft clay 105; sandy clay 115; limestone 130. Water at 120.
Con VII	E. P. Clark	J. L. Graham	Nov. 21, 1960	4	10	40	30	D	Brown clay sand 16; large boulders clay small stones 40; fine brown sand 78; hard stony clay 80; large boulders 90; cemented gravel 103; broken rock 106. Water from 103 to 106.
Con VII	J. Master	S. Gill	Nov. 30, 1961	5	8	87	37	D	Dug well 28; gravel clay 35; sandy clay 100; coarse gravel 109. Water at 109.
Con VII	W. Paterson	J. L. Graham	May 15, 1962	5	10	60	46	D	Old dug well 40; soft blue clay 88; rocky hardpan 105; coarse gravel 108. Water at 105.
Con VII	J. W. Studman	S. Gill	Dec. 19, 1962	6	20	60	35	D	Old dug well 20; sandy clay 50; silt 68; gravel 75; coarse sand 77. Water at 77.
Con VII	H. Thompson	"	Sep. 18, 1963	6	8	100	20	D	Dug well 16; silt clay 100; fine sand 113; rock 122. Water from 114 to 120.
Con VII	N. Frokleye	W. Packham	Sep. 23, 1963	6	30	40	25	D	Dug well 26; gravel clay 70; stone clay 79; clean gravel 82. Water at 82.
Con VII	F. Elgin	S. Gill	Sep. 24, 1963	6	9	70	30	D	Clay streaks 15; fine sand 50; silt 80; coarse sand 90. Water at 90.
Con VII	H. Giesland	"	Dec. 20, 1963	6	7	60	33	D	Dug well 25; silt 90; gravel 90; gravel rock 108. Water at 106.
Con VII	E. Sommermann	W. Packham	Oct. 9, 1963	6	25	100	95	D	Brown clay stones gravel 90; fine clay gravel 100; sand gravel 104; limestone 104. Water at 102.

WATERLOO COUNTY - cont.
North Dumfries Twp. cont

Ortho. Profiles	Loc. Cont.	lot 18	E. Harkness	L. C. Shantz	Apr. 24, 1962	5	15	69	56	Fresh	D, S
Con VII	"	"	"	"	May 3, 1960	5	12	18	12	"	D
Con VII	"	"	L. Jennings	"	Aug. 10, 1962	4	11	56	52	"	D
Con VII	"	"	K. Kalk	Steinman & Baird	"	"	"	"	"	"	D
Con VII	"	"	T. & J. Hall	L. C. Shantz	Oct. 18, 1961	5	12	71	61	"	D, S
Con VII	"	"	W. Gillespie	"	Sep. 20, 1963	5	10	80	60	"	D
Con VII	"	"	R. C. Ritchie	"	Sep. 19, 1962	5	10	180	120	"	D, S
Con VIII	"	"	L. Hall	S. Gill	Oct. 20, 1962	6	25	75	8	"	D
Con VIII	"	"	R. Oliver	W. Packham	Jul. 3, 1962	6	15	110	70	"	D
Con VIII	"	"	H. Meyers	J. L. Graham	Nov. 27, 1962	5	8	80	75	"	S
Con VIII	"	"	L. Moore	L. C. Shantz	Aug. 13, 1963	7	20	23	16	"	D, S
Con IX	"	"	J. Yahn	"	Feb. 15, 1960	5	12	22	17	"	D
Con IX	"	"	Benwick Const. Ltd.	J. L. Graham	Sep. 29, 1961	4	10	20	9	"	D
Con IX	"	"	W. Copeland	W. Packham	Oct. 4, 1963	6	20	105	100	"	D, S
Con IX	"	"	C. Hahn	S. Gill	May 1, 1961	6	10	52	33	"	D
Con IX	"	"	T. Sylstra	"	May 12, 1961	6	5	36	26	"	D
Con IX	"	"	R. Runions	W. Packham	Jul. 13, 1961	6	20	80	60	"	D
Con IX	"	"	A. Reynolds	"	Jul. 17, 1961	6	20	80	65	"	D
Con IX	"	"	E. Reed	J. L. Graham	May 9, 1962	5	10	80	54	"	D
Con IX	"	"	V. Wojtas	"	Aug. 22, 1962	5	10	55	48	"	D
Con IX	"	"	Hoekstra Const.	L. C. Shantz	Sep. 30, 1963	5	6	75	40	"	D
Con IX	"	"	Elri Dev. Ltd	J. L. Graham	Jun. 21, 1961	5	12	53	48	"	D
Con IX	"	"	"	"	Jun. 27, 1961	4	8	63	56	"	D
Con IX	"	"	"	"	Jul. 4, 1961	4	10	60	43	"	D
Con IX	"	"	"	"	Mar. 14, 1962	5	13	92	80	"	S
Con IX	"	"	Benwick Const.	W. Packham	Nov. 14, 1962	6	24	65	45	"	D

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Con X	Not 17	J. Brown	W. Packham	Apr. 22, 1963	6	25	49	45	Fresh	S	Stones gravel 30; clay gravel 55; reddish brown sand 70; sand gravel 110; fine gravel 115; coarse gravel 121. Water at 121.
Con X	" 23	Ont. Dept. of Fisheries	C. & H. Kerr	Dec. 20, 1961	61	15	160	110	"	P	Clay 5; sand 10; fine sand 10; gravel 120; clay gravel 159; sandy clay 17; fine sand 201. Water at 200.
Con XI	" 1	J. Boudevyns	W. Packham	Feb. 25, 1963	6	15	82	80	"	D	Coarse gravel 1; sand 35; gravel 130; sand clay 140; 155; medium gravel 160. Water at 160.
Con XI	" 1	Mayfarm	N. MacLean	Feb. 2, 1963	4	8	32	28	"	In	Tonsoll 18; brown clay 10; gravel boulder 35; blue clay 64; sand 115. Water from 64 to 82.
Con XI	" 16	W. Slade	S. Gill	Sep. 1, 1960	6	15	77	30	"	D	Sandy clay 15; fine sand 115; coarse sand 117. Water at 115.
Con XI	" 16	Hedco Well Drilling	Hedco Well Drilling	Aug. 21, 1961	30	3	29	22	"	D	Tonsoll 1; gravel 7; sand 15; gravel boulders 2; sand 29. Water from 22 to 29.
Con XI	" 17	"	"	Oct. 17, 1963	30	5	29	24	"	D	Tonsoll 1; sand gravel 20; blue red clay 30. Water at 23.
Con XI	" 17	J.B. Grenlich	L.C. Shantz	Jan. 20, 1960	8	12	54	50	"	D	Dug well 5; silty sand 35; sand gravel 91. Water from 65 to 91.
Con XI	" 26	W. Flisinger	R.I. McLaughlin	Sep. 13, 1962	8	500	28		"	In	Tonsoll 2; gravel sand 4; grey clay 62; sand clay 61; clay 123; horizon 139; gravel 169; horizon 165. Water at 139.
Con XI	" 27	Co-op. Ltd.	W. Packham	Sep. 4, 1963	5	10	60	10	"	D	Coarse gravel stone 10; sandy clay gravel 45; reddish brown sand 55; grey sand gravel 70; gravel 73. Water at 73.
Con XI	" 31	L.A. Kinnaird	C. Shantz	Sep. 5, 1961	7	24	42	32	"	D, S	Dug well gravel clay 50; cemented gravel 76; silty sandy clay 112; gravel clay 128; coarse gravel boulders 131. Water from 128 to 131.
Con XI	" 35	Evangelical Church	Hedco Well Drilling	Jan. 10, 1961	30	50	36	30	"	P	Tonsoll 1; brown clay 6; fine sand 12; fine gravel 29; brown fine sand 39; gravel 36. Water at 33.
Con XI	" 37	United Brethren Church	C. & H. Kerr	Apr. 5, 1962	8	15	39	39	"	D	Dug well 39; gravel 58. Water from 39 to 58.
Con XII	" 2	Y. Kress	W. Packham	Apr. 27, 1961	8	20	90	70	"	D	Stony clay 110; solid limestone 126. Water at 124.
Con XII	" 2	Power Pump Co. Ltd.	"	Apr. 25, 1961	6	15	85	65	"	D	Clay 18; boulders 32; clay gravel 90; stone boulders 108; limestone 110. Water at 108.
Con XII	" 23	A. Graham	L.C. Shantz	Sep. 16, 1960	5	5	54	28	"	D	Tonsoll 2; silty sandy clay 50; fine sand 63. Water from 50 to 63.
Con XII	" 37	R. Davis	R.I. McLaughlin	Jun. 21, 1963	61	22	83	70	"	D	Gravel 80; brown sand 100; blue clay 160; grey sand 180. Water at 170.
Con XII	" 41	E. Martin	E. McLaughlin & Son	Sep. 26, 1962	7	20	80	36	"	D, S	Tonsoll 1; sand clay 12; horizon 38; sand gravel 55; horizon 92; sand gravel 101. Water from 92 to 101.
Con XII	" 42	E. Baer	C. & H. Kerr	Nov. 7, 1962	4	15	100	80	"	D	Sand 25; gravel 56; clay 85; horizon 216; gravel 219. Water from 219 to 219.
Con XII	" 42	R. Hilderley	Steinman & Baird	Oct. 2, 1963	4	10	115	65	Sulphur	D	Fill clay 15; gravel 103; fine sand 107; clay 176; horizon 194; clay 251; shale 275; horizon 282; grey brown limestone 321; white limestone 324. Water from 282 to 312 and at 363.
GRE Con VII	" 1	G. Perdue	W. Packham	Sep. 14, 1961	6	8	135	84	Fresh	D	Sandy clay 20; gravel 50; clay horizon 137; gravel 140; limestone 141. Water at 140.
GRE Con VII	" 1	K. Marcus	C. Shantz	Nov. 13, 1962	5	10	58	56	"	D, S	Boulders clay 30; sand gravel 75; gravel clay 100; grey limestone 120. Water at 120.
GRE Con VII	" 1	R. Lem	"	Dec. 3, 1962	5	10	89	95	"	D, S	Boulders clay 120; sandy clay 140; coarse gravel 90; gravel clay 140; boulders 150; grey limestone 195. Water from 190 to 195.
GRE Con VIII	" 2	J.W. Galt	S. Gill	Oct. 29, 1962	6	20	60	35	"	D	Dug well 30; coarse sand boulders 59; horizon 65. Water at 62.
GRE Con IX	" 1	V. Evans	J.L. Graham	Nov. 12, 1960	4	12	38	24	"	D	Boulders soft clay 35; grey gravelly clay 60; large boulders 62; cemented gravel 66; dark brown rock 105; lighter brown rock 109. Water from 100 to 109.
GRE Con IX	" 3	R.M. Myers	"	Feb. 28, 1962	6	10	65	52	"	D	Loam 2; coarse gravel 19; boulders clay 40; soft clay gravel 77; gravel 86; light grey rock 110. Water from 90 to 110.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOC COUNTY -cont. North Dumfries Twp - cont. GEE Con X lot 1	J.A. Howarth	J.L. Graham	Nov. 2, 1960	4	10	80	60	Fresh	D	Small stones clay 6; fine brown sand 12; stony hardpan 75; boulders clay 86; cemented gravel 98; dark grey rock 106. Water from 118 to 126.
GRE Con X " 1	B.A. Gray	"	Jan. 14, 1961	4	12	68	55	"	D	Tonsoll 2; brown clay stones 23; brown clay gravel 58; coarse sand gravel 93; cemented gravel 97; rock 119. Water at 119.
GRW Con VII " 3	A. Beker	S. Gill	Jan. 10, 1963	6	18	164	84	"	D	Brown clay stones 20; sandy clay 80; blue clay 100; silt 160; silt gravel 182; brown rock 190. Water at 183 and 190.
GRW Con VII " 3	Dr. R. Clark	W. Packham	Nov. 16, 1961	6	10	190	180	"	D	Stones gravel 30; gravel sand 90; clay 130; clay boulders 165; clay 220; sandy clay 230; medium gravel 237. Water at 237.
GRW Con VIII " 1	R. Waugh	"	May 25, 1961	6	20	90	84	"	D	Stony clay gravel 30; sandy brown clay 90; sandy grey clay 110; clay grey gravel 130; gravel 142. Water from 130 to 142.
GRW Con VIII " 2	D.F. Bartleman	J.L. Graham	Feb. 22, 1960	4	10	60	25	"	D	Gravel small stones sand 55; coarse stones hardpan 80; fine brown sand 86; medium brown limestone 140; light brown limestone 222. Water from 140 to 220.
GRW Con VIII " 2	A. Sheppard	W. Packham	Oct. 11, 1960	6	10	25	15	"	D	Stony clay 42; limestone 54. Water at 50.
GRW Con VIII " 2	J. Derink	"	Sep. 11, 1961	6	15	65	22	"	D	Stony clay 15; sand 75; gravel 85. Water at 85.
GRW Con VIII " 2	C. Sandkuhn	L.C. Shantz	Dec. 16, 1961	5	12	41	13	"	D	Sandy clay 8; silty sandy clay 45; gravel sand 54. Water from 45 to 54.
GRW Con VIII " 2	Renwick Const	W. Packham	Mar. 2, 1962	6	20	70	60	"	D	Sandy clay gravel 40; sand 80; sandy clay 105; coarse sand fine gravel 112. Water at 112.
GRW Con VIII " 2	R. Waugh	"	Feb. 28, 1963	6	12	120	50	"	D	Loam clay stones 75; sand 85; sand gravel clay 109; limestone 165. Water at 162.
GRW Con VIII " 2	J.N. Miller	"	Dec. 23, 1963	6	24	38	36	"	D	Sand gravel stones 35; sandy clay 65; sand gravel 120; gravel 127. Water at 127.
GRW Con IX " 3	W. Cross	"	Jun. 5, 1963	6	25	23	12	"	D, S	Sandy loam 10; sandy clay gravel 30; silty sand gravel 60; gravel 65; silty rock 67. Water from 65 to 67.
Preston Town Preston Town	I. Stelmach W. Geiger	J.L. Graham "	May 16, 1963 May 14, 1963	6 6	10 10	38 50	35 45	Fresh "	D D	Tonsoll 1; gravel 12; brown clay stones 73; fine sand 78; coarse gravel 80. Water at 80.
Preston Town	G.D. Grimm	L.C. Shantz	Oct. 25, 1963	5	10	45	40	"	D	Gravel 10; boulders gravel 15; boulders gravel brown clay 26; gravel 30; gravel clay 40; grey clay 67; gravel sand grey clay 70; fine gravel clay 85; coarse gravel 86; black shale 102. Water from 25 to 30 and from 100 to 102.
Preston Town	W. Mertz	"	Nov. 4, 1960	5	14	46	44	"	D	Tonsoll 1; sandy clay 8; gravel clay 21; clay gravel 99; rock 102. Water from 99 to 102.
Preston Town	J. Voll	"	Mar. 9, 1962	5	20	65	32	"	D	Tonsoll 1; gravel clay boulders 16; clay gravel 99; yellow clay boulders 35; clay gravel 106; boulders clay gravel 110; brown shale 116. Water at 113.
Preston Town	M. Kinsie	R.I. McLaughlin	May 5, 1962	5	15	60	48	"	D	Dug well 18; dirty gravel 30; silty sandy clay gravel 88; cemented gravel 109; grey rock 118. Water from 109 to 118.
Preston Town	E. Parkinson	J.L. Graham	Jun. 8, 1962	7	10	40	33	"	D, S	Dug well 20; clay 65; hardpan 83; gravel hardpan 100; gravel 102. Water at 102.
Preston Town	G. Lassel	"	Jul. 13, 1962	6 1/2	12	60	43	"	D	Old well 16; brown hardpan 50; fine sand 60; coarse gravel 80. Water at 80.
Preston Town	H. Newell	R.I. McLaughlin	Jul. 16, 1962	5	20	65	48	"	D	Fine sand 6; stony clay 20; soft grey clay 64; hard clay 90; heavy gravel 95. Water at 95.
Preston Town	A. Lonsbury	"	Jul. 28, 1962	5	15	75	58	"	D	Tonsoll 2; sand 3; gravel 20; hardpan 41; clay 68; hardpan 97; rock 106. Water at 88.
										Dug well 5; gravel 12; hardpan 55; clay 76; hardpan stones 91; rock 112. Water at 92.

Preston Town	P. Thompson	C. & H. Kerr	Aug. 1, 1962	5 1/2	13	69	55	Fresh	D	Stony clay 16; dirty gravel 30; stony clay 105; blue limestone 110. Water from 107 to 110.
Preston Town	D. Lounsbury	"	Aug. 20, 1962	5 1/2	13	70	55	"	D	Stony clay 8; gravel clay 112 1/2. Water at 112 1/2.
Preston Town	J. Vincent	McLaughlin Well Drilling	Oct. 3, 1962	5	26	55	52	"	D	Sand 7; gravel 19; broken 54; oozy 65; broken 95; rock 106. Water from 98 to 106.
Preston Town	E. Karlovsky	J.L. Grahsm	Dec. 28, 1962	6 1/2	10	60	44	"	D	Loam brown sand 8; sand gravel 11; hardpan boulders 80; fine hard packed sand 102; clay gravel 105; blue shale 110; blue hard rock 112. Water from 110 to 112.
Waterloo City	P.U.C	International Water Supply Ltd.	Mar. 25, 1960	8	96	65	11	Fresh	In	Sandy clay gravel 101; grey stony clay 28; sandy stony clay 42; cemented gravel 45; sandy stony clay 62; hard packed sand stony clay 97; cemented gravel 101; grey stony clay 110; cemented gravel 117; grey stony clay 123; dark grey weathered limestone 130; gravel sand clay 131; grey clay 132; soft blue shale 138; hard blue shale 146. Water at 138.
Waterloo City	W. Kraft	HedcoWell Drilling	Aug. 9, 1960	30	8	10	6	Fresh	D	Tossall 2; sand 4; gravel 7; coarse sand 17 1/2; fine gravel 18. Water at 6 and 17 1/2.
Waterloo City	M. Beavinger	"	Oct. 14, 1960	30	10	18	18	"	D, S	Tossall 2; sand 18; gravel 20; coarse sand 30; brown sandy clay 35. Water at 18.
Waterloo City	Seagraves & Sons	International Water Supply Ltd.	Sep. 19, 1962						T	Gravel fill 2; brown blue clay gravel 10; gravel sand boulders 37; blue clay 41; sand gravel clay 45; blue clay 76; silty blue clay 86; fine silty sand clay 92; sand gravel boulders 101; boulders gravel sand 111; boulders sandy clay gravel 116; blue clay 119; sandy blue clay gravel boulders 123.
Waterloo City	"	"	Sep. 1, 1962						T	Gravel fill 2; brown clay 4; gravel boulders clay 10; sand gravel boulders 27; sand gravel boulders brown clay 31; sandy blue clay 32; blue clay 55; silty blue clay silty sand streaked 67; fine silty sand clay streaked 74; blue clay gravel 77; sandy blue hard clay 80; sandy blue clay gravel 82; sandy blue clay streaked gravel 89; brown hard clay 91; sandy brown hard clay gravel streaks 105; sandy blue soft clay 110; blue brown black muck soft clay 119; broken gravel clay hard packed 120.
Waterloo City	"	"	Sep. 5, 1962	2					T	Dirty gravel 8; sand gravel boulders 28; blue silty clay 34; blue clay 59; silty blue clay 66; silty sand 74; fine sand silty clay 86; coarse gravel sand boulders 87; fine sand clay 90; coarse gravel sand boulders 101; blue hard clay 104; sandy clay gravel 109; cemented sand gravel boulders 111; sandy clay gravel streak hard packed 115; gravel sand clay 119.
Waterloo City	J.E. Seagram	"	Nov. 12, 1962	16	708	72	55	Fresh		Gravel fill 2; clay 7; sand 9; sand gravel 35; clay sand 37; sand gravel 44; clay sand 45; clay 76 1/2; silty clay 87; clay sand 90; sand 94; gravel sand 96; coarse sand gravel 106; gravel sand 115 1/2; sand gravel clay. Water at 90.
Waterloo City	F. Brohman	R.I. McLaughlin	May 8, 1963	5	18	40	28	"	D, S	Tossall 2; sand 15; clay 26; broken 56; clay 59; gravel 60. Water at 59.
Waterloo City	Seagraves & Sons	International Water Supply Ltd.	Dec. 9, 1963							Brown clay gravel 7; boulders gravel sand 26; sand gravel 30; blue clay 79; sandy blue clay 65; cemented sand gravel boulders 97; gravel sand boulders 105; brown clay 113; cemented sand gravel boulders 113; sandy clay gravel 117.
Waterloo City	"	"	Dec. 12, 1963							Gravel brown clay 8; gravel sand boulders 26; blue clay 55; soft silty blue clay 63; silty sand clay 72; fine sand clay 76; sandy blue clay gravel 81; blue hard clay 108; hard packed clay gravel sand boulders 120; sandy blue clay gravel streaks 159.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY -cont. Waterloo city -cont. Waterloo city	Seagrams & Sons Ltd.	International Water Supply Ltd.	Dec.16,1963							Brown clay gravel 6; coarse gravel sand boulders 21;sand gravel 33;blue clay soft sand 39;blue hard clay 69;silty sand packed clay 84;sand fine sand 80;gravel sand boulders 110; cemented sand gravel boulders 120.
Waterloo Twp. BT	I. Snider	L. C. Shantz	Dec.12,1963	5	10	58	48	Fresh	D	Topsoil 1;sandy clay 30;clay gravel 72;silty sandy clay gravel 97;clay gravel 101;gravel clay 120;gravel 126. Water from 120 to 126.
BT	Doonbrook Sub-division	"	Jun.15,1960	8	60	22	Flows	"	P	Boulders clay gravel 20;clay gravel 34;silty sand clay 76; clay gravel 82;gravel sand 88. Water from 82 to 88.
BT	A.E. Barron	"	May 16,1962	5	4	100	37	"	D	Sand 16;gravel sand 45;gravel clay 66;clay streaks gravel 105;gravel streaks clay 125;clay streak gravel 132;gravel sand 136;silty gravel sand 137;clay from 132 to 136.
BT	G. Ayres	E. Sauder	Jan.21,1960	5	15	19	18	"	D	Topsoil 2;clay 27;sand 34;gravel 36. Water from 35 to 36.
BT	E. Warden	S. Gill	Feb. 9,1960	5	15	19	17	"	D	Topsoil 2;clay 27;sand 34;gravel 36. Water from 35 to 36.
BT	H. Buertkle	"	Dec. 6,1961	6	10	40	20	"	D	Sand clay 104;gravel 15;blue clay 25;coarse sand 70;gravel 75. Water at 75.
BT	A. Kroh	HadcoWellDigging	Oct. 4,1962	27 1/2	8	28	15	"	D	Topsoil 1;brown clay 9;blue clay 26;gravel 30. Water at 26.
BT	R. Hartleib	"	Aug.22,1963	30	3	28	10	"	D	Topsoil 1;brown clay 1;blue clay 26;gravel 30. Water at 26.
BT	J.H. Smith	"	Aug. 4,1962	30	30	24	19	"	D	Topsoil 1;brown clay 4;cobble stone 7;brown clay 14;gravel 24 Water at 19.
BT	B. Oberer	"	Oct. 3,1962	30	5	29	26	"	D	Topsoil 1;brown clay 17;coarse gravel 19;cemented gravel conglomerate 21;fine gravel 30. Water at 26.
BT	G. Sachs	N. MacLean	Jun.23,1961	4	15	50	50	"	D	Dug well 20;clay cobbles sand 150;coarse sand 170. Water at 165.
BT	W. McDonald	HadcoWellDigging	May 29,1961	30	10	68	50	"	D	Topsoil 1;fine sand 7;gravel 27;blue clay 40;gravel 70. Water at 58.
BT	J. Hosie	R. McLaughlin	Aug. 7,1961	6 1/2	20	66	61	"	D	Topsoil 1;sand 9;gravel 26;hardpan 69;clay 85;hardpan 101; sand 110;gravel 111. Water at 110.
BT	P. Vos	HadcoWellDigging	Apr. 4,1962	30	4	16	12	"	P	Topsoil 1;brown clay 3;gravel 4;coarse sand 18. Water at 12.
BT	R. Hamilton Estate	L. C. Shantz	Jul.28,1962	7	22	68 1/2	61 1/2	Sulphur	P	Topsoil 1;sandy clay 8;clay boulders 15;clay gravel 89;gravel clay 95;gravel sand 96;clay gravel 127;grey rock 130. Water from 127 to 130.
BT	B. Gibbons	"	Sep.20,1963	5	15	52	44	Fresh	D	Topsoil 1;gravel clay 18;clay 45;clay gravel 70;silty sand 74;sand 80;sand gravel 105. Water from 80 to 102.
BT	Doon S.S. P. Vos	Banes DrillingCo	Oct. 2,1963	30	1			"	P	Brown silty clay 4;grey silty clay 52. Water from 4 to 36.
BT	"	"	Dec. 8,1963	30	10	21	18	"	D	Mixed fill 2;brown coarse sand 15;sand gravel 21;grey clay. Water at 18.
BBF	H. Schultz	L. C. Shantz	Aug.31,1960	7	15	76	51	"	D	Topsoil 2;brown clay 63;brown clay gravel 78;gravel sand 93. Water from 78 to 93.
BBF	Z. Lavarske	S. Gill	Oct.15,1960	6	6	65	50	"	D	Sandy clay 20;fine sand 86;gravel 88. Water at 36.
BBF	E.P. Campbell	L. C. Shantz	Jul.26,1961	7	14	52	49	"	D	Clay gravel 12;brown clay 20;clay boulders 27;clay gravel 74; gravel 77;clay gravel 88;gravel clay 92. Water from 88 to 92.
BBF	J. Voll	"	Mar.21,1962	5	15	76	59	"	D	Dug well 28;clay gravel 69;silty sandy clay 102;cemented gravel 110;gravel sand 114. Water from 110 to 114.
BBF	E. Eakins	E. McLaughlin & Sons	Jun.10,1962	7	20	75	62	"	D	Topsoil 14;layers sand clay 8;hardpan 40;sand clay 52;hardpan 95;gravel 105. Water at 105.
BBF	H. Lonsbury	C.&H. Kerr	Jun.25,1962	5	15	85	66	"	D	Stony clay 11;soft brown clay 32;clay stones 60;clay 112; shale 123. Water at 123.
BBF	A. Rohr	L. C. Shantz	Sep.28,1962	5	18	75	71	"	D	Topsoil 1;sandy clay 14;silty sandy clay gravel 83;clay gravel 137;grey limestone 152. Water at 150.

BBF	"	8	W. Smith	L.C. Shantz	Oct. 19, 1962	5	12	60	56	Fresh	D	Topsail 1; sandy clay 20; clay 86; gravel clay 102; sand gravel 105. Water at 105.
BBF	"	9	Dr. C.K. Mader	R.I. McLaughlin	Oct. 29, 1962	5	15	78	70	"	D	Topsail 1; hardpan 46; hardpan stones 92; gravel clay 115; hardpan 119; blue rock 151. Water from 132 to 151.
BBF	"	8	G. Shultz	J.L. Graham	Jan. 9, 1963	5	10	80	64	"	D	Land fill 7; blue sticky clay 32; hard clay 63; rock 84; hardpan 71; large stones 93; hardpan 99; brown medium gravel 105. Water at 105.
BBF	"	8	E. Kinsey	R.I. McLaughlin	Feb. 25, 1963	5	20	85	75	"	D	Topsail 1; sand 20; clay 53; hardpan 102; sand 120; hardpan 126; grey rock 144. Water at 126.
BBF	"	8	C. Henderson	L.C. Shantz	Mar. 5, 1963	7	15	83	80	"	D	Topsail 1; sandy clay 15; clay coarse gravel 35; gravel sand 40; coarse gravel sand 60; coarse gravel clay 78; hard blue clay 90; gravel clay 95; sandy clay 112; gravel clay 117; blue clay loose gravel 123; grey rock 135. Water from 131 to 115.
BBF	"	8	D. Ackford	"	Aug. 10, 1963	5	10	72	70	"	D	Topsail 1; sandy clay 19; clay 50; clay gravel 104; sand gravel 111. Water from 104 to 112.
BBF	"	9	A. Burden	"	Apr. 7, 1961	5	14	69	68	"	D	Topsail 10; silty sandy clay 107; gravel 32; brown clay 102; sand gravel 102. Water from 107 to 108.
BBF	"	9	H. Smith	J.L. Graham	Jan. 8, 1962	7	8	95	90	"	C	Dug well 36; fine brown sand clay 48; brown hardpan 81; cemented gravel 86; hardpan 116; fine sand 120; coarse sand gravel 123. Water at 123.
BBF	"	9	H. Penneget	R.I. McLaughlin	Mar. 9, 1963	6 1/2	18	87	81	"	D	Fill 1; topsail 5; sand 22; sand clay 61; hardpan 95; sand streaks clay 11; sand gravel 118. Water at 112.
BBF	"	9	Eastern Const. Co. Ltd.	"	Apr. 1, 1963	8	90	66	61	"	P	Topsail 3; sand 11; blue clay 29; hardpan clay 118; sand gravel 126; hardpan 129. Water at 126.
BBF	"	10	J. Sykes	L.C. Shantz	Feb. 23, 1960	5	15	110	90	"	D	Sand 45; clay 90; clay gravel 142; sand gravel 151. Water from 142 to 151.
BBF	"	10	G. Finchin	C.H. Kerr	Apr. 30, 1960	5	13	116	92	"	D	Boulders coarse gravel 65; stony clay 118; blue clay 124; gravel 133. Water at 124.
BBF	"	10	A.L. Constable	"	Sep. 26, 1960	5	15	120	116	"	D	Fill 9; gravel 77; hardpan 122; clay gravel 138; fine gravel 141. Water from 139 to 144.
BBF	"	10	J. Davidson	L.C. Shantz	Oct. 13, 1960	5	10	112	108	"	D	Topsail 10; cemented gravel 115; clay gravel 142; gravel sand 48. Water from 142 to 148.
BBF	"	10	W. Giveren	N. Steinman	Nov. 22, 1960	5	12	125	116	"	D	Topsail 1; sandy clay gravel 55; sandy clay 70; sandy clay gravel 106; cemented gravel 115; clay gravel 142; gravel sand 48. Water from 142 to 148.
BBF	"	10	H. Pfeiffer	C. & H. Kerr	May 26, 1961	5 1/2	15	120	100	"	D	Sandy gravel 15; sand 51; clay 102; hardpan 157; fine gravel 160. Water from 157 to 160.
BBF	"	10	N. Newer	R.I. McLaughlin	Nov. 17, 1962	7	15	45	38	"	D	Gravel 4; sand 53; blue clay 135; gravel 180; grey limestone 194. Water at 192.
BBF	"	10	R. Brisson	L.C. Shantz	Dec. 20, 1962	7	15	60	58	"	D	Gravel 5; clay 38; gravel 77; hardpan 115; gravel 118. Water at 115.
BBF	"	12	K. Adam	R.I. McLaughlin	Oct. 26, 1963	6 1/2	15	35	32	"	D, S	Gravel boulders 20; blue clay 40; cemented gravel 65; coarse gravel clay 68; gravel sand 101. Water from 82 to 101.
BBF	"	13	C. Shantz	"	Aug. 19, 1963	7	15	88	82	"	D	Dug well 30; gravel 46; hardpan 48; gravel 49. Water at 48.
BBF	"	14	D. Widenen	N. Steinman	Feb. 19, 1960	5	12	85	77	"	D	Topsail 2; hardpan 9; gravel 28; hardpan gravel 63; clay hardpan 123; sand 128; gravel 129. Water at 128.
BBF	"	14	K. Sellers	E. McLaughlin & Sons	Feb. 25, 1960	5	20	70	67	"	D	Fill 7; stony hardpan 26; gravelly hardpan 46; blue clay 51; hardpan 91; hardpan gravel 110. Water at 110.
BBF	"	14	R. Franks	L.C. Shantz	Oct. 5, 1960	5	12	72	66	"	D	91; gravel 96. Water at 96.
BBF	"	14	J.G. Reid	HadcoWell Digging	Oct. 29, 1960	30	25	42	25	"	D	Topsail 1; silty clay 15; brown clay gravel 146; silty sandy clay gravel 55; brown clay gravel 110; sand gravel 114. Water from 110 to 114.
BBF	"	14	J.G. Reid	HadcoWell Digging	Oct. 29, 1960	30	25	42	25	"	D	Topsail 1; brown sand 8; brown clay 13; blue clay rocks 21; hardpan clay rocks 35; gravel 37; brown clay 42. Water at 35.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. BBF	G. Eby	E. McLaughlin & Sons	Apr. 8, 1961	5	15	78	60	Fresh	D	Topsoil 1; hard brown clay stones 11; brown clay sand 29; blue clay 56; hardpan 93; fine gravel 95. Water from 93 to 95.
BBF	J. Garraway	C. & H. Kerr	Apr. 27, 1962	5	10	110	75	"	D	Brown clay 20; stony clay 40; boulder clay 110; clay gravel 115; sand 118. Water from 115 to 118.
BBF	E. Kochanowski	J. Moble	Jun. 4, 1963	30	2	25	20	"	D	Topsoil 2; clay 30. Water at 25.
BBF	C. Grigg	Banes Drilling Co	Aug. 2, 1963	30	20	12	10	"	D	Fine brown sand 8; sand gravel 11; gravel boulders 15. Water at 10.
BBF	R. Wilson	Haddock Drilling	Oct. 15, 1963	30	2	17	12	"	D	Topsoil 1; brown sand 4; gravel sand 18. Water at 12.
BBF	R. McKie	E. McLaughlin	Feb. 27, 1961	7	20	65	62	"	D, S	Topsoil 1; clay 3; clay boulders 60; hardpan clay 9; gravel 99. Water at 99.
BBF	E. Hammer	Haddock Drilling	May 24, 1962	30	2	14	4	"	D	Topsoil 6; brown clay 14; brown sand 3; gravel 4; brown clay 9; blue clay 19; gravel 44. Water at 13.
BBF	R. Dithner	W. Packham	Apr. 19, 1960	5	10	35	27	"	D	Loom 6; stones clay 25; fine gravel clay hardpan 115; gravel sand 125; gravel 129. Water at 127.
BBF	J. Mickelson	E. McLaughlin & Sons	Aug. 29, 1960	5	15	97	78	"	D	Topsoil 1; clay hardpan 22; hardpan boulders 58; hardpan streaks clay 120; sand 123; gravel 124. Water at 124.
BBF	R. Shallhorn	Haddock Drilling	Jun. 6, 1961	30	4	14	7	"	D	Topsoil 2; brown sand 7; gravel 9; fine sand 14. Water from 7 to 9.
BBF	G. Kay	"	Jun. 6, 1961	30	10	17	10	"	D	Topsoil 1; brown clay 4; fine brown sand 10; gravel 12; brown clay 14; gravel 15; blue clay 18. Water at 10 and 14.
BBF	H. Moyer	"	Nov. 6, 1961	30	1	19	19	"	S	Topsoil 1; brown clay rocks 15; brown sand 25. Water at 19.
BBF	B. Harloch	"	Nov. 7, 1961	30	10	16	6	"	D, S	Topsoil 2; brown clay stones 7; brown sand 11; brown clay 13; gravel 20. Water at 40.
BBF	L.C. Shantz	L.C. Shantz	Apr. 2, 1962	7	20	71	59	"	P, D	Dirty gravel 12; clay 22; clay gravel 96; clay shale 128; grey rock 138. Water from 135 to 138.
BBF	E. Wilflin	C. & H. Kerr	Jun. 30, 1962	5 1/2	13	85	70	"	D	Clay 1; boulder clay 40; blue clay 108; stony blue clay 119; blue limestone 126; sand 127; brown limestone 133. Water at 132.
BBF	N. Kinzie	L.C. Shantz	Nov. 28, 1960	5	18	24	17	"	D	Topsoil 1; gravel clay boulder 17; clay gravel 39; cemented gravel 48; gravel sand 52. Water from 48 to 52.
BBF	P. Schmit	"	Dec. 5, 1960	5	10	43	23	"	D	Topsoil 1; gravel clay boulders 35; cemented gravel 41; clay gravel 104; cemented gravel 109; hard blue rock 113. Water at 112.
BBF	S. Gail	"	Dec. 17, 1960	6	6	77	65	"	D	Dug well 22; sandy clay 85; brown clay 95; fine sand 110; limestone 112. Water at 112.
BBF	R. Stanbaum	L.C. Shantz	Dec. 20, 1960	5	14	46	44	"	D	Dug well 5; gravel clay 18; clay gravel 98; grey rock limestone 114. Water from 100 to 114.
BBF	Texas Can. Ltd.	C.H. Rutledge	Jan. 15, 1961	5	10	66	59	"	C	Sand 6; boulders sand 45; blue clay sand gravel 95; brown clay 98; gravel sand mud boulders 118; limestone 138. Water at 118 and 132.
BBF	H.V. Lee	N. MacLean	May 10, 1961	4	12	50	50	"	D	Sand 90; hard clay 105; sand 118; blue rock 150. Water at 145.
BBF	W. Otterbine	"	May 22, 1961	4	3	55	55	"	D	Sand 70; hard clay 100; sand 103; coarse sand 118. Water at 118.
BBF	V.P. Peterson	"	Jun. 22, 1961	4	10	60	60	"	D	Sand gravel 50; hard clay 100; fine sand 136; hard blue rock 146. Water at 146.
BBF	J. Voll	L.C. Shantz	Oct. 10, 1961	5	15	39	38	"	D	Dug well 40; cemented gravel 63; clay gravel 84; cemented gravel 113; grey rock 131. Water at 128.
BBF	C. Stewart	"	Jan. 13, 1962	5	22	86	61	"	D	Dug well 28; clay gravel 106; cemented gravel 111; sand silty gravel 116; cemented gravel 127; clay gravel 138; grey limestone 153. Water from 149 to 153.
BBF	"	"	Feb. 22, 1962	5	20	74	62	"	D	Topsoil 1; clay gravel 10; silty sandy clay gravel 100; cemented gravel 121; grey rock 133. Water from 128 to 133.
BBF	J.L. Gline	"	Mar. 7, 1962	6	10	100	68	"	D	Gravel 12; grey rock 133. Water from 128 to 133.
BBF	D. Anderson	J.L. Gline	Mar. 7, 1962	6	10	100	68	"	D	28; hard packed sand 12; blue shaly rock 132. Water from 122 to 132.

BBF	lot 24	N. Toman	J.L. Graham	Mar. 16, 1962	5	10	100	64	Fr-sh	D	<p> Fine brown sand 8; gravel small boulders 29; stony blue clay 70 hard pecked sand 107; hard pecked gravel 118; gravel 123. Water at 123. Sand 15; gravel 45; blue clay 110; stony clay 123; brown limestone 158. Water from 150 to 158. Fine brown sand 8; clay large boulders 40; clay gravel 90; fine silty sand 108; hard packed gravel 127; dark grey rock 133. Water at 133. Brown clay 20; stony clay 45; clay boulders 108; stony clay 123; brown limestone 129. Water at 129. Land fill 8; fine sand 19; brown clay stones 80; fine sand 90; blue stony clay 110; gravelly clay 120; dark grey stone 132; alternating shale 14; gravel 144. Water at 143. Fine brown sand 8; gravel 19; clay boulders 40; clay gravel 12; grey rock 144; coarse gravel 146. Sand 10; clay gravel 25; blue clay 121; blue limestone 138. Water from 135 to 138. Sandy clay 15; stony clay 35; blue clay 103; stony clay 120; blue limestone 136. Water from 133 to 136. Topsoil 3; fine brown sand 8; boulders clay 30; stony blue clay 119; dark grey rock 137. Water at 136. Fine brown sand 8; boulders clay 32; stony clay 84; brown clay sand 117; grey rock 138. Water from 130 to 138. Brown clay 15; stony clay 30; blue clay 107; stony blue clay 123; blue limestone 138. Water from 135 to 138. Clay boulders 40; hard stony clay 60; silty sand 100; blue clay 120; blue limestone 146. Water at 146. Fine sand 8; coarse gravel 10; boulders clay 38; grey clay gravel 84; fine sand clay 93; hard packed sand 118; shaly blue rock 137; blue rock 141; coarse gravel 142. Water at 142. Fine brown sand 8; boulders clay 38; stony clay 68; sand clay 89; cemented gravel 119; blue shaly rock 127; hard blue rock 147. Water at 144. Sand 30; clay 70; gravel 85; grey blue rock 156. Water at 156. Topsoil 4; gravel clay 10; clay 30; clay hardpan 69; hardpan 82; loose hardpan 92; gravel 94. Water at 92. Dug well 18; clay gravel 102; grey rock 160; brown rock 182. Water from 175 to 182. Dug well 8; clay boulders 26; clay gravel 35; brown clay 42; mixed brown clay gravel 72; silty sandy clay gravel 100; grey rock 148. Water at 140. Clay sand 46; clay gravel 90; gravel 93; clay gravel 110; gravel sand 119. Water at 90 and from 110 to 119. Well 11; grey rock 28. Water from 20 to 28. Topsoil 14; gravel boulders 3; clay gravel 72; silty sandy brown clay 76; gravel sand 82. Water from 96 to 82. Brown clay 4; fine sand 6; brown clay sand 27; brown limestone 58; light brown to 74; silty dark stone 80; water at 74. Sand gravel 20; hard clay 51; grey limestone 125. Water at 125. Dug well 26; sand brown clay 79; fine sand 92; coarse sand 95. Water at 95. Pit 5; sandy clay 80; sand gravel 105; gravel 110. Water at 110. Clay gravel 18; grey limestone 108. Water at 89. Clay gravel 16; grey limestone 99. Water at 99. </p>
BBF	"	E. Calvert	C. & H. Kerr	Mar. 27, 1962	5 1/2	13	90	60	"	D	
BBF	"	K. Groat	J.L. Graham	Mar. 29, 1962	6	10	100	63	"	D	
BBF	"	G. MacDonnell	G. & H. Kerr	Apr. 5, 1962	5 1/2	13	75	<0	"	D	
BBF	"	R. Bleth	J.L. Graham	Apr. 23, 1962	6	10	80	65	"	D	
BBF	"	M. Poll	"	May 4, 1962	7	10	80	62	"	D, C	
BBF	"	W. Wallin	C. & H. Kerr	May 12, 1962	5 1/2	13	85	60	"	D	
BBF	"	D.E. McVichol	"	May 22, 1962	5 1/2	13	85	65	"	D	
BBF	"	C. Hahn	J.L. Graham	May 31, 1962	7	10	70	56	"	D	
BBF	"	M. Timmes	"	Jun. 6, 1962	7	10	38	58	"	D	
BBF	"	A. Henderson	C. & H. Kerr	Jun. 15, 1962	5 1/2	13	85	65	"	D	
BBF	"	C.E. Zinkmann	"	Sep. 15, 1962	5 1/2	13	80	60	"	D	
BBF	"	W. Groves	J.L. Graham	Nov. 2, 1962	7	10	80	70	"	D	
BBF	"	J. Frank	"	Nov. 13, 1962	7	10	80	65	"	D	
BBF	"	A. Gager	C. Hall	Apr. 1, 1960	4	2 1/2	120	70	"	D	
BBF	"	H. Eggen	R. McLeurhlin	Oct. 21, 1963	5	15	80	76	"	D	
BBF	"	F. Bricker	L.C. Shantz	Dec. 31, 1960	5	12	76	72	"	D	
BBF	"	R. Lang	"	Aug. 28, 1961	5	10	70	37	"	D	
BBF	"	E. Musselman	"	May 6, 1960	7	15	34	33	"	D, S	
BLE Con I	"	E. Johanson	"	Aug. 4, 1962	5	12	7	6	"	D	
BLE Con I	"	E. Trommer	"	Nov. 22, 1960	5	7	72	51	"	D	
BLE Con II	"	A. Boddigan	J.L. Graham	Aug. 29, 1961	5	10	38	14	"	D	
BLE Con II	"	W.L. Thompson	C. Hall	Aug. 11, 1962	4	2	60	27	"	D, S	
BLE Con II	"	H. Hermann	J.L. Graham	Jul. 16, 1962	7	8	60	45	"	D, S	
BLE Con III	"	E. Reinhardt	W. Packham	Sep. 6, 1963	6	25	90	58	"	D, S	
BLE Con III	"	Spooner Const. Co.	L.C. Shantz	Oct. 21, 1960	5	19	50	19	"	D	
BLE Con III	"	J. Gendere	C. Hall	Dec. 18, 1963	4	9	80	16	"	D	

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. BLB Con III, lot 13	P.J. Tschanz	J.R. Sprowl	Sep. 4, 1963	4	10	35	15	Fresh	D,S	Sand gravel mixed 15; dark grey limestone 60; brown limestone 85. Water at 35, 65 and 80.
BNS "	B.J. Springall	E. McLaughlin & Sons	Jun. 24, 1962	7	25	75	52	"	D, Ir	Topsoil 1; sand clay 7; hardpan small boulders 32; hardpan 90; clay sand 115; hardpan 124; gravel 128. Water from 124 to 128.
BNS "	B. Steffler	R.I. McLaughlin	Apr. 30, 1962	6 1/2	14	105	100	"	D, S	Topsoil 1; sand 94; hardpan 105; sand 107; hardpan 126; gravel 133. Water at 94.
BOS "	M.W. Keefer	"	Aug. 21, 1963	6	15	51	11	"	D	Sand 2; boulders gravel 12; big stone clay 25; hardpan 66; gravel 71. Water at 66.
BOS "	D. Utter	J.L. Graham	Sep. 7, 1961	6 1/2	10	60	34	"	D	Brown clay 4; clay boulders 22; grey clay 89; clay gravel 94; cemented gravel 106; grey rock 122; black grey rock 123. Water at 113.
BOS "	C.W. Baumtrog	"	Feb. 1, 1963	5	20	30	25	"	D	Dug well 22; gravel sand 78; light brown rock 98; blue shale 100; Water at 99.
BOS "	C.S. Szozepek	L.C. Shantz	Mar. 13, 1961	5	15	22	15	"	D	Topsoil 1; silty sandy clay gravel 47; dirty gravel sand 50; silty sandy clay gravel 70; silty sand 80; brown limestone 99. Water from 95 to 99.
BOS "	J. Level Jr.	J.L. Graham	Oct. 6, 1961	5	10	80	44	"	D	Clay boulder 18; clay sand 60; hard pecked gravel 123; grey limestone 147. Water at 147.
BOS "	H. Kinsie	R.I. McLaughlin	Mar. 22, 1962	6 1/2	15	30	25	"	D, S	Topsoil 1; sand streaks clay 40; clay 46; hardpan 83; clay 112; hardpan 113; gravel 119. Water at 115.
BOS "	D. Grimm	E. McLaughlin & Sons	Jan. 26, 1960	6	25	74	65	"	D	Dug well 43; hardpan 82; hardpan clay 76; quicksand clay 81; sand hardpan 93; gravel 95. Water at 95.
BOS "	P. Karges	L.C. Shantz	Jan. 3, 1963	7	15	61	58	"	D	Topsoil 5; boulders gravel 23; clay gravel 75; cemented gravel 100; gravel sand 125; sand gravel 135. Water from 175 to 135.
BOS "	H. Schoenhofer	Hadco Well Digging	Sep. 20, 1960	30	5	25	12	"	D	Topsoil 2; brown clay 8; sand 12; blue clay 30. Water from 8 to 12.
BT	Grand Valley Conservation Authority	E. McLaughlin & Sons	Sep. 2, 1960	7	20	52	39	"	D	Clay sand fill 2; tonsol 3; pit run gravel 6; sand clay 24; blue clay 35; medium hard hardpan 69; medium coarse sand 78; coarse sand 88; fine medium coarse gravel 92. Water from 78 to 92.
BT	C. Thurston	"	Nov. 17, 1961	7	25	40	28	"	D, S	Topsoil 1; gravel boulders 19; hardpan 58; sand gravel 98; hardpan 106; sand gravel 112; gravel 117. Water from 112 to 117.
BL	K. Herner	"	Jan. 9, 1960	6	25	90	80	"	D	Topsoil 1; sand gravel 10; hardpan 45; hardpan boulders 50; hardpan clay 120; sand 123; gravel 124. Water at 124.
BL	J.J. Chirooski	"	Apr. 29, 1961	6 1/2	15	53	44	"	D	Topsoil 1; clay sand medium stones 24; hardpan 74; fine medium gravel 76. Water from 74 to 76.
BL	J. Betke	R.I. McLaughlin	May 15, 1962	6 1/2	15	56	51	"	D	Topsoil 1; gravel boulders 18; hardpan 24; clay 58; hardpan 79; gravel hardpan 80; gravel 81. Water at 80.
BL	W. Stenckiewicz	"	Jun. 3, 1962	6 1/2	15	56	51	"	D	Topsoil 1; gravel boulders 18; hardpan 24; clay 58; hardpan 79; gravel hardpan 80; gravel 91. Water at 80.
BL	L. Shells	"	Nov. 17, 1962	7	16	70	65	"	D	Clay 60; hardpan 110; clay 115; hardpan 127; brown rock 147. Water from 127 to 147.
BT	R. Steckle	L.C. Shantz	Nov. 28, 1963	7	12	25	24	"	D, S	Topsoil 1; sandy clay 20; clay 37; silty sandy clay 47; clay 74; clay gravel 80; gravel 105. Water from 80 to 105.
GCT	M. Martin	N. MacLean	Sep. 22, 1962	4	6	90	69	"	D, S	Boulders gravel 50; sand 120; clay 170; gravel 216; blue rock 220. Water at 218.
GCT	A. Martin	R.I. McLaughlin	Jan. 15, 1963	5 1/2	20	74	64	"	D, S	Dug well 24; sand clay 36; clay 75; sand 76; clay 112; hardpan 156; clay 232; blue rock 239. Water from 234 to 239.
GCT	M.B. Martin	E. McLaughlin & Sons	Feb. 15, 1960	6	25	80	48	"	S	Topsoil 2; clay small stone 32; hardpan 123; hardpan fine gravel 133; hardpan 172; sand 184; fine gravel 187; coarse gravel 190. Water from 124 to 132 and from 187 to 190.
GCT	A.S. Martin	J. Moore	Jan. 14, 1963	30	3	35	30	"	D	Sand 30; gravel 40. Water at 35.

WATERLOO COUNTY - cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Waterloo Twp. - cont. GCT lot 46	Kitchener Water Comm.	International Water Supply Ltd.	Apr. 6, 1960	2	18	50	18	Fresh	T 8-60	Brown clay 5; sand gravel 6; sandy blue clay gravel 14; blue clay 40; sandy blue clay 80; fine sand clay gravel streaks 103; sand fine sand 122; hard blue clay 138; sandy clay gravel streaks 162.
GCT " 46	"	"	Apr. 14, 1960	2			44	"	T 9-60	Brown clay 8; blue clay 16; blue clay gravel streaks 57; sandy blue clay gravel 66; coarse gravel boulders sand 75; coarse gravel boulders sand streaks sandy clay 94; sandy blue clay gravel streaks 108; sandy clay gravel hard packed 112; sandy clay gravel 121; sandy clay hard packed 140.
GCT " 46	"	"	Apr. 20, 1960	5					T 10-60	Brown clay 9; blue clay 11; fine sand clay 26; sandy blue clay 51; sandy clay gravel streaks 60; blue soft clay 64; sandy clay gravel streaks 73; sandy clay hard packed 74; sandy clay gravel streaks 78; coarse gravel boulders sand clay streaks 97; sandy clay hard packed 105; sandy clay gravel streaks 117; sandy clay gravel 139.
GCT " 46	"	"	Apr. 22, 1960	5					T 11-60	Sandy brown clay 8; sand gravel 9; blue clay gravel streaks 16; sandy blue clay gravel streaks 41; blue sandy clay 60; coarse gravel sandy clay boulders 65; coarse gravel sand boulders clay 83; blue hard clay 88; sandy clay gravel streaks 100; blue soft clay 104; sandy clay gravel streaks 110; blue hard clay 116; sandy clay gravel 118; blue hard clay 137; sandy clay gravel 140.
GCT " 46	"	"	Apr. 30, 1960	5					T 7-60	Topsoil 1; dirty sand gravel streaks 25; sandy clay gravel streaks 42; sandy brown clay 54; sand gravel streaks packed 57; 88; blue sandy clay 117; sandy blue clay hard packed 146; sandy clay gravel boulders packed dirty 171; sandy clay gravel streaks hard packed 182.
GCT " 46	"	"	May 4, 1960	5					T 12-60	Brown clay gravel boulders 8; blue clay 10; fine sand 18; fine sand gravel 21; blue sandy clay 36; fine sand clay 52; coarse gravel boulders sand clay streaks 74; sandy clay 75; sandy clay gravel 76.
GCT " 46	"	"	May 13, 1960	2	17 1/2	24	23	Fresh	T 12 1/2-60	Brown clay gravel boulders 8; blue clay gravel 22; sandy clay gravel 27; blue clay 37; fine sand clay 53; coarse gravel boulders sand clay 77; blue sandy clay 85; sand gravel dirty clay 90; fine sand gravel streaks 102; blue hard clay 110; fine sand clay 115; blue hard clay 119.
GCT " 46	"	"	May 20, 1960	2	20	27	26	"	T 13-60	Brown blue clay gravel boulders 6; blue clay sandy gravel streaks 27; blue clay 42; sandy clay gravel streaks 58; blue clay 60; fine sand gravel clay streaks 73; sandy clay small gravel streaks 111; blue clay 114; sandy clay gravel 130; sandy clay hard packed 156; sandy clay hard gravel 159; sandy clay 161.
GCT " 46	"	"	Feb. 9, 1960	2	21	74	72	Fresh	T 1-60	Topsoil 1; brown clay 7; sand gravel boulders 8; silty blue clay sand streaks clay 41; blue clay 75; sand dirty gravel 85; boulders gravel sand 87; sand dirty gravel 92; silty sand 93; blue hard clay 102; sandy blue clay gravel streaks hard packed 132; sand gravel clay 137; sand gravel boulders clay hard packed 146; sand gravel clay 166; sandy clay gravel streaks hard packed 176; sandy clay gravel boulders streaks hard packed 192; fine soft sand 199; blue hard clay 224; sandy blue clay gravel hard packed 231; sandy blue clay gravel streaked hard packed 235; cemented sand gravel 236; clay gravel 237; cemented sand gravel 236; brown gravel 237.

Kitchener Water Comm.	International Water Supply Ltd.	Feb. 25, 1960	5					T 3-60	
" 47	"	Mar. 15, 1960	5					T 5-60	
GCT	"	May 14, 1962	6 1/2	12	60	55	Fresh	D, S	Brown clay 11; blue clay streaks gravel 32; fine sand 36; sandy blue clay 62; sandy blue clay streaked 92; sand fine gravel streaked clay 122; fine sand 126; blue clay 140; sandy blue clay gravel streaks 154; sandy clay gravel hard packed 165; sandy clay gravel streaks 181; sandy gravel clay gravel hard packed 199; blue clay streaks gravel 22; sandy blue clay gravel hard packed 239; sandy blue clay gravel hard packed 241; sandy clay gravel hard packed 255.
GCT	R. I. McLaughlin	Sep. 8, 1961	30	5	56	48	"	D	Brown clay 10; blue clay streaks gravel 32; fine sand clay 34; blue clay 43; blue clay sandy streaks 48; blue sandy clay 59; sandy blue clay gravel streaks 65; sandy soft clay 74; blue clay 76; sand clay fine gravel 84; sand gravel 86; blue sandy clay 103; sandy blue clay gravel 107; sandy packed clay 120; sandy clay gravel streaks 122; cemented sand gravel 126; sandy clay gravel boulder streaks hard packed 155; sandy clay gravel streaks hard packed 182.
GCT	Hadco Well Digging	Oct. 15, 1962	5	15	70	65	"	D	Topsoil 1; sand 4; blue clay 61; hardpan 78; gravel 80. Water at 80.
GCT	R. I. McLaughlin	Aug. 14, 1963	30	10	11	12	"	D	Topsoil 1; fill 5; gravel sand 20; brown clay 24; coarse gravel sand 51; blue clay 60. Water at 48.
GCT	Banes Drilling Co.	Apr. 6, 1960	5 1/2				"	D	Topsoil 1; sand clay streaks 18; blue clay 62; sand clay 74; hardpan 132; sand 136; gravel 138. Water at 136.
GCT	E. McLaughlin & Sons	Sep. 7, 1960	30	10	16	13	"	D	Sandy loam 3; brown sand gravel 12; gravel 17; clay. Water from 12 to 17.
GCT	Hadco Well Digging	Sep. 17, 1960	5	100			"	D	Topsoil 2; sand clay 28; blue clay 126; hardpan 173; medium coarse gravel 172; hardpan 194; medium hard blue shale 205. Water at 39 and 62.
GCT	Hadco Well Digging	Oct. 27, 1960	30	4 1/2	13	8	"	D	Topsoil 1; brown clay 3; coarse sand 17. Water at 8.
GCT	"	Nov. 11, 1960	30	50	18	14	"	D	Topsoil 1; brown clay 6; fine sand 12; coarse sand 16; brown clay 17; coarse sand 20. Water at 12 and 17.
GCT	Acme Well Drillers	Sep. 6, 1962	4	45			"	D	Clay small boulders 10; clay sand 27; sand 130; gravel 172; coarse gravel 191; light blue rock 196; rock 198. Water at 198.
GCT	Hadco Well Digging	Aug. 17, 1960	30	6	10	6	"	D	Topsoil brown clay 6; coarse sand 9; gravel 16; boulders 16 1/2. Water at 6.
GCT	"	Jun. 5, 1961	30	15	15	6	"	D	Topsoil 1; clay sand 4; clay 52; hardpan 86; blue clay 90; hardpan 11; clay 154; sand clay 167; fine gravel 176; coarse sand 182; clay 186. Water from 167 to 182.
GCT	J. C. Contractor	Mar. 12, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
GCT	"	Mar. 20, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
GCT	"	Mar. 27, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
GCT	"	Apr. 13, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
GCT	"	Apr. 17, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 12. Water at 6.
GCT	"	Jun. 1, 1963	30	4	8	6	"	D	Topsoil 1; sand gravel 12 1/2. Water at 6.
GCT	"	Aug. 6, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 13. Water at 6.
GCT	"	Aug. 6, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 14. Water at 6.
GCT	"	Aug. 6, 1963	30	10	6	6	"	D	Topsoil 2; brown clay 4; coarse gravel 14. Water at 6.
GCT	"	Oct. 17, 1960	6	18	55	35	"	D, S	Topsoil 1; clay sand 5; sand 18; blue clay 57; hardpan 96; hardpan gravel 100; hardpan 121; sand gravel 123. Water at 123.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

G. Cardinal	E. McLaughlin & Sons	May 17, 1960	6	18	88	65	Fresh	D.S	
Waterloo Imp. - cont. GCT									
" 105	"	Oct. 8, 1960	7	18	45	35	"	C	Topsoil 1; clay hardpan 74; hardpan 89; blue hard shale 125; white soft limestone 160; hard limestone 171. Water at 95 and 165.
GCT	Ont. Fur Breeders								Topsoil 1; gravel 15; clay 80; hardpan 115; sand gravel 118; gravel 119. Water at 119.
GCT	M. Lombart	Jun. 1, 1962	5	15	67	30	"	D, C	Sandy clay 8; clay boulders 21; clay gravel 116; cemented gravel 132; gravel clay 143; grey limestone 159. Water from 149 to 159.
GCT	B. Adams	Nov. 26, 1963	30	10	13	12	"	D	Sandy clay 6; coarse brown sand 14; grey clay 16 1/2. Water at 13.
GCT	Hopewell Farms	Jan. 6, 1960	2	5	48	28	"	T	Gravel boulders sand 22; sandy blue clay 62; packed gravel sand boulders clay 72; sandy blue clay gravel 76; packed sandy red clay gravel 94; hard packed blue clay gravel 102; blue shale 106.
" 108	"	Jan. 26, 1960	7					1A-60	Gravel boulders sand 22; sandy blue clay 62; packed gravel sand boulders clay 72; sandy blue clay gravel streaks 76; packed sandy red clay gravel 94; hard packed blue clay gravel 102; blue shale 110; soft blue shale 111; hard blue shale 116; limestone shale 120; soft muddy blue shale 123; brown limestone 131; soft muddy blue shale 132; blue shale hard soft streaks 136; brown soft limestone 138; brown hard limestone 140; blue muddy soft shale 141; blue hard limestone 144; grey hard limestone 158.
GCT	"	Mar. 13, 1961	10	285	98	57	Fresh	In	Topsoil 1; hardpan 7; rough gravel sand 15; stones gravel clay 40; hardpan 92; coarse sand fine gravel 95; clay hardpan 122; gravel shale 127; shale 131. Water at 122 and 130.
GCT	Hopewell Farms Co. Ltd.	Feb. 4, 1963						T	Topsoil 1; dirty gravel clay 5; gravel sand 12; grey clay gravel 31; grey clay gravel 43; clay gravel 52; hard cemented clay gravel 93; sandy clay gravel 99; sand gravel 101; cemented sand gravel clay 109.
" 108	"	Feb. 7, 1963						2-63	Topsoil 1; sand 6; sand gravel 16; clay gravel hard packed 39; cemented sand gravel soft streaks 42; hard packed dirty sand gravel streaks soft clay 59; cemented clay streaks cemented gravel 92; cemented dirty sand gravel 103; rock 105.
GCT	"	Feb. 13, 1963	2	25	18		Fresh	T	Topsoil 1; dirty sand 3; sand 18; sandy clay gravel 49; hard clay gravel cemented streaks 70; cemented gravel clay 92; hard clay gravel 97; cemented gravel clay soft streaks 110; rock 111 Water at 97.
" 109	R. I. McLaughlin	Mar. 7, 1961	6 1/2	16	55	50	"	D, S	Topsoil 4; clay sand 15; hardpan 63; clay 65; hardpan 74; gravel 75. Water at 74.
GCT	E. McLaughlin & Sons	Oct. 1, 1960	6	17	65	35	"	D, S	Topsoil 3; gravel hardpan 35; clay hardpan 68; sand gravel 73; gravel 74. Water at 74.
GCT	L. C. Shantz	Aug. 24, 1962	8	100	62	14	"	Ir	Topsoil 2; clay boulders 12; clay gravel 46; silty clay 110; sand gravel 114. Water from 110 to 114.
GCT	E. McLaughlin & Sons	Aug. 3, 1960	6	18	55	25	"	C	Topsoil 1; gravel 35; hardpan 40; gravel 42; hardpan boulders 65; sand gravel 68; gravel 71. Water at 71.
GCT	Haddock Well Digging	Jan. 28, 1961	30	50	25	16	"	D, C	Topsoil 1; stone boulders 18; fine gravel 25. Water at 18.
GCT	R. I. McLaughlin	Apr. 6, 1962	5	12	55	50	"	D	Topsoil 1; sand 15; clay 35; hardpan 47; clay 131; hardpan 142; gravel 144. Water at 142.
GCT	"	Aug. 10, 1962	6 1/2	16	37	30	"	D	Topsoil 2; gravel 1; sand 9; stone hardpan 31; hardpan 63; clay 81; hardpan 102; gravel 104. Water at 102.
GCT	L. C. Shantz	Mar. 20, 1963	5	15	8	Flow	"	D	Topsoil 1; gravel clay 6; clay 22; clay gravel 71; grey rock 72. Water from 71 to 72.
" 114	H. Battler	Mar. 22, 1963	7	18	58 1/2	40 1/2	"	D	Topsoil 2; gravel 24; quicksand 29; loose hardpan 36; gravel 101. Water at 96.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont Waterloo Twp. - cont GCT 101 114	R. Reinhart	L.C. Shantz	Apr. 6, 1963	5	12	60	35	Fresh	D	Topsoil 1; gravel clay 32; clay 55; clay gravel 101; gravel 102. Water from 101 to 105.
GCT " 114	J. Habermehl	"	Apr. 15, 1963	5	60		Flows	"	D	Topsoil 1; gravel clay 8; clay 25; silty sandy clay gravel 41; clay gravel 61; gravel. Water at 61.
GCT " 114	J. Riebert	Banes Drilling Co.	Aug. 7, 1963	30	3	20	20	"	D	Brown sandy clay 10; grey hard clay 32; grey fine sand 35. Water at 32.
GCT " 114	B. Zelbr	W. Packham	Oct. 15, 1963	6	10	100	35	"	D	Dug well 25; stony clay 60; clay gravel 95; sand 100; sand fine gravel 104; coarse gravel 105. Water at 105.
GCT " 114	R.H. Hawthorn	L.C. Shantz	Oct. 18, 1963	5	10	36	34	"	D	Topsoil 1; clay 53; clay gravel 115; grey rock 125. Water from 115 to 125.
GCT " 115	L. Shantz	Haddock Well Digging	Oct. 26, 1960	30	3	15	10	"	D	Topsoil 1; gravel 3; sand 7; brown clay 8; gravel large rocks 10; grey clay 17. Water at 10.
GCT " 115	E. Brandon	R.I. McLaughlin	Jun. 12, 1961	8	150	81	32	"	P	Dug well 12; clay 25; hardpan stones 68; gravel hardpan 77; sand streaks clay 82; gravel 85. Water at 82.
GCT " 115	Kitchener Waste Oil Services	"	Jun. 26, 1961	6 1/2	30	80	60	"	In	Topsoil 2; sand 10; hardpan 49; clay 51; gravel 73; sand 85; hardpan 90; gravel 113; rock 152. Water at 73 and 118.
GCT " 115	K. Sutherland	L.C. Shantz	Sep. 27, 1961	5	9	55	33	"	D	Dug well 14; brown clay boulders 65; brown clay gravel 74; cemented gravel 76; dirty gravel 82. Water from 76 to 82.
GCT " 115	B. Prange	R.I. McLaughlin	Aug. 16, 1962	6 1/2	19	44	35	"	D	Topsoil 2; clay stones 15; stones 63; hardpan 84; cemented gravel 88; gravel 90. Water at 88.
GCT " 116	J. Cybalski	C.H. Kerr	Aug. 28, 1963	5 1/2	15	80	74	"	D	Dry gravel 12; brown clay boulders 48; hardpan 100; fine gravel 106. Water from 100 to 106.
GCT " 116	Library Waterloo County	R.I. McLaughlin	Oct. 18, 1963	5	15	94	83	"	P	Topsoil 1; hardpan boulders 42; clay 63; hardpan 95; gravel 99. Water at 99.
GCT " 116	J. Strenzke	"	Dec. 23, 1963	5	5	83	25	"	D, S	Soil 2; gravel 32; clay hardpan 83; hardpan 85; gravel 86. Water at 86.
GCT " 118	S. Jenkins	E. McLaughlin & Sons	Feb. 1, 1960	4 1/2	15	190	165	"	D	Sandy fill 4 1/2; topsoil 7; fine sand clay mixed 54; blue clay 87; hardpan 115; coarse sand clay 123; blue clay 145; hardpan 169; layers sand clay 175; hardpan 215; quicksand 225; gravel 228. Water from 225 to 228.
GCT " 118	W. Arndt	"	Oct. 14, 1960	5	15	194	179	"	D	Brown clay stones 8; sand clay 46; blue clay 118; sand clay 125; hardpan 172; sand clay 181; hardpan 226; coarse sand 230; fine gravel 233. Water from 226 to 233.
GCT " 119	R. Denyer	R.I. McLaughlin	Sep. 5, 1963	5	14	156	148	"	D, S	Sandy loam 4; clay sand 80; hardpan 156; clay 177; hardpan 185; gravel 187. Water at 185.
GCT " 120	Kitchener Water Comm	International Water Supply Ltd.	Mar. 15, 1961	5				"	T 9-61	Brown sandy clay 3; gravel sand boulders 35; sandy clay 38; blue hard clay 82; sandy clay 85; sandy clay gravel boulders 91; sandy clay gravel streaks hard packed 118; blue clay 127; sandy clay gravel streaks hard packed 149; sandy clay red blue gravel 158; sandy clay gravel hard packed 168; rock 169.
GCT " 120	P. Eby	McLaughlin Well Drilling	Nov. 10, 1961	5	18	130	125	Fresh	D, S	Topsoil 1; gravel 21; sand 46; hardpan clay 175; gravel 177. Water from 175 to 177.
GCT " 120	P. Spaetzal	R. McLaughlin	Sep. 6, 1963	5	14	237	231	"	D	Loam 23; clay 58; hardpan 105; stone 106; clay 141; sand clay 193; hardpan big stones 246; bluish rock 261. Water from 246 to 261.
GCT " 122	W. Scholz Concrete Pipe	L.C. Schantz	Apr. 7, 1960	5	12	61	44	"	In	Dug well 20; clay gravel 126; grey rock shale 146. Water from 140 to 146.
GCT " 122	M. Gartenberg Ltd.	E. McLaughlin & Sons	Apr. 11, 1960	6	30	75	60	"	C	Sand 2; grey clay 48; hardpan 65; red clay 104; hardpan boulders 132; quicksand clay 139; gravel 141. Water at 141.
GCT " 122	W. Mikolliashk	"	Jul. 26, 1960	6	20	40	38	"	D	Sand 65; hardpan 68; sand gravel 71. Water at 71.
GCT " 122	W. Querendouser	J. Moore	Apr. 5, 1961	30	2		7	"	D	Topsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.

Waterloo Exp. - cont.	H.L.Paetz	J. Moore	Apr. 19, 1961	30	2	7	Fresh	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	Apr. 27, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	May 8, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	May 18, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	May 30, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	Jun. 9, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	Jun. 15, 1961	30	2	7	"	D	Tonsoil 1; coarse sand 6; coarse gravel 9; blue clay 15. Water at 7.
GCT	"	"	Aug. 1, 1961	30	3	7	"	D	Brown clay 13; coarse gravel 15. Water at 13.
GCT	"	"	Aug. 9, 1961	30	3	15	"	D	Medium sand 5; brown clay 20; coarse gravel 22. Water at 20.
GCT	"	"	Aug. 18, 1961	30	3	51	"	D	Coarse sand 6; coarse gravel 12. Water at 8.
GCT	"	"	Aug. 24, 1961	30	3	7	"	D	Medium sand 5; blue clay 14; coarse gravel 16. Water at 14.
GCT	"	"	Aug. 30, 1961	30	3	5	"	D	Medium sand 5; blue clay 14; coarse gravel 17. Water at 15.
GCT	"	"	Sep. 2, 1961	30	3	6	"	D	Coarse sand 5; coarse gravel 16. Water at 8.
GCT	"	"	Sep. 10, 1961	30	3	10	"	D	Medium sand 5; blue clay 17; coarse gravel 19. Water at 7.
GCT	"	"	Sep. 15, 1961	30	3	10	"	D	Medium sand 5; blue clay 17; coarse gravel 19. Water at 7.
GCT	"	"	May 1, 1962	7	20	38	"	In	Tonsoil 2; silt; gravel 57; clay gravel 102; grey limestone 109. Water from 102 to 109; clay gravel 102; grey limestone 109.
GCT	"	"	Nov. 3, 1962	7	15	72	"	D	Tonsoil 1; sand and gravel 30; hardpan 72; clay 124; brown rock 146.
GCT	"	"	May 23, 1963	5	10	63	"	D, C	Water from 124 to 146.
"	"	"	Jul. 4, 1963	7	18	96	"	S, P	Tonsoil 1; sand and gravel 40; cemented gravel 50; clay gravel 65; cemented gravel 71; clay gravel 100; sand gravel 108; clay coarse gravel 119; grey limestone 127. Water at 125.
"	"	"	Nov. 18, 1960	7	32	68	"	P	Tonsoil 2; sand 21; blue clay 78; sand clay 83; hardpan 164; gravel 166. Water at 164.
"	"	"	Feb. 9, 1962	5	15	62	"	P	Stony clay 16; gravel clay 40; brown clay 48; hardpan stones 96; black shale 99; flaky grey limestone 138. Water at 135.
"	"	"	Jun. 17, 1963	7	15	72	"	D, S	Clay 43; clay gravel 74; silty sandy clay gravel 89; grey rock 94. Water from 92 to 94.
"	"	"	Oct. 30, 1962	4	20	72	"	P	Topsoil 1; coarse gravel boulders 20; hardpan gravel 57; hardpan 75; cemented gravel 78. Water at 75.
"	"	"	Jul. 31, 1963	7	40	4	"	P	Tonsoil 6; small boulders 26; sand 51; clay 76; coarse gravel 114. Water at 114.
"	"	"	Jul. 26, 1961	6	20	140	"	P	Soil stones 15; clay 30; hardpan 55; gravel 58. Water at 55.
"	"	"	Feb. 7, 1961	5	18	193	"	D	Tonsoil 1; clay 4; hardpan 26; clay 69; hardpan 94; sand 118; quicksand 132; gravel sand 172; gravel 175. Water from 172 to 175.
"	"	"	Dec. 16, 1960	2		88	"	D, S	Topsoil 1; clay sand small stones 25; fine sand and clay mixture 66; medium sand/clay mixture 130; fine sand 155; coarse sand 173. Water from 130 to 173.
"	"	"					"	T	Brown clay small boulders sand 14; grey clay sandy gravel streaks 20; sandy clay 38; fine sand clay 58; brown grey clay sand gravel streaks 67; coarse gravel boulders sand 164; white clay streaked blue sandy clay 192.

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N. Quehl	C. & H. Kerr	Jul. 4, 1960	6	10	80	3	Fresh	D, S	Clay 20; marl 21; clay 50; hardpan 102; fine gravel 130. Water at 27.
ES Con V " 3	J. Stapioloz	Apr. 22, 1961	4	15	160	140	"	D, S	Clay 22; sand 98; sandy clay 120; silty sand 142; sandy clay 228; sand 230; blue clay 273; sand clay streaks 320; shale 328; hardpan 340; blue shale 360. Water from 350 to 360.
ES Con V " 6	J. Moore	Mar. 26, 1962	30	40	2	38	"	D	Topsoil 2; sand 52. Water at 38.
ES Con V " 7	Steinman & Baird	Aug. 18, 1962	4	15	156	142	"	D, S	Brown clay 27; hardpan 54; gravel 62; sand 64; gritty hardpan 111; fine sand 126; brown clay 219; brown hardpan 293; brown grey clay 334; clay shale 344; brown limestone 316. Water at 346.
ES Con V " 8	C. & H. Kerr	Jul. 12, 1961	5	15	70	60	"	D	Brown clay 31; gravel 80; clay gravel 117; fine gravel 121. Water from 117 to 121.
ES Con V " 10	Seyler Bros.	Oct. 25, 1961	4	15	90	80	"	D	Clay 80; sand 81; clay 112; silty clay 132; sand clay boulders 208; silty clay 271; limestone 284. Water at 282.
ES Con V " 12	D. Brennenm	Jun. 18, 1963	4	16	135	111	"	D, S	Clay 21; fine sand 43; gravel 98; hardpan 104; clay 117; hardpan 132; clay 144; dirty gravel 145; hardpan 279; clay 273; clay brown shale 281. Water from 277 to 281.
ES Con VI " 1	R.I. McLaughlin	Feb. 7, 1961	5	18	70	49	"	D, S	Topsoil 1; clay 20; quicksand 41; clay 62; quicksand 134; hardpan 150; sand 152; hardpan 143; sand 152. Water at 210.
ES Con VI " 3	Haddock & Diegling	May 25, 1962	30	2	35	24	"	D	Topsoil 1; brown hardpan 14; blue grey clay 19; blue fine sand 24; grey clay 26; blue sand 30; blue clay 36. Water at 19 and 26.
ES Con VI " 4	McLaughlin Well Drilling	May 3, 1963	7	12	165	120	"	D, S	Topsoil 3; shell layers hardpan clay sand 63; fine sand 235; blue clay 356; gravel 360; hardpan 365; soft blue shale 380. Water at 366, 200 and from 375 to 380.
ES Con VII " 1	G. Dietrich	Dec. 6, 1963	5	20	43	28	"	D	Topsoil 2; clay 21; quicksand 24; red clay 76; hardpan 84; sand 96. Water at 84.
ES Con VII " 2	E. McLaughlin & Sons	Apr. 13, 1961	7	12	110	15	"	D	Topsoil 1; small stones sandy clay 4; clay fine sand 18; quicksand 25; hardpan 38; blue clay 59; sand clay 65; quicksand 74; sand 183. Water from 142 to 148.
ES Con VII " 2	"	Apr. 27, 1960	7	12	125	16	"	D	Sand clay 1; clay 20; sand clay 42; clay 65; hardpan 140; gravel layers clay 130; gravel 155. Water at 155.
ES Con VII " 3	Herscott Specialty Ltd.	Sep. 27, 1960	7	22	154	45	"	In	Topsoil fill 4; grey clay 40; sandy clay 44; brown clay stones 75; blue clay stones 105; sandy clay 117; brown sand 121; stony blue clay 175; grey clay 254; grey shale 284; solid brown rock 300; sandstone 325; brittle limestone 331; sandstone 363; brown blue rock 364. Water at 363.
ES Con VII " 3	L. Meyer	Jul. 3, 1963	30	3	25	25	"	D	Clay 15; sand 25; coarse sand 35. Water at 25.
ES Con VII " 9	J. Murus	Jun. 17, 1963	5	19	145	141	"	D, S	Old wall 8; gravel 25; sand 57; sand clay 90; hardpan 125; quicksand 125; hardpan 240; hardpan stones 260; hardpan 318; quicksand 220; hardpan 365; gravel 367. Water at 367.
ES Con VIII " 2	C. Kuntz	Feb. 2, 1961	30	3	42	8	"	D	Topsoil 2; brown clay 8; brown sand 19. Water at 12.
ES Con VIII " 2	J. Reitzel	Apr. 15, 1963	30	2	40	40	"	D	Topsoil 1; sand 47. Water at 40.
ES Con VIII " 3	P. Straus	Oct. 16, 1961	6	22	38	29	"	D	Sand 15; layers sand clay 72; hardpan 84; gravel 86. Water at 84.
ES Con VIII " 7	E. Lorentz	Feb. 7, 1963	5	22	52	47	"	D, S	Topsoil 1; clay 15; sand clay 85; hardpan 114; clay 150; hardpan 191; clay 223; grey rock 244. Water from 225 to 244.
ES Con VIII " 10	C. Zawadzki	Dec. 28, 1960	5	22	180	151	"	D, S	Topsoil 1; clay 46; sand 181. Water at 151.
ES Con IX " 1	E. Martin	Nov. 29, 1963	5	15	26	24	"	D, S	Sand clay streaks 25; quicksand 31; clay 86; clay sand 117; red clay 205; clay sand 207; hardpan 215; gravel 217. Water at 217.
ES Con X " 1	C.E. Martin	Dec. 14, 1961	5	16	80	30	"	D, S	Topsoil 1; sand 5; quicksand 27; hardpan 40; clay 56; hardpan 168; sand gravel 184; gravel 185. Water from 168 to 185.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST LEVEL	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wellesley Twp. - cont.										
ES Con X lot 3	G. Fries	HadcoWellDagging	Dec.13, 1960	30	10	48	29	Freeh	D,S	Topsoil 14;brown coarse sand 44;brown clay 14;blue clay 24; hardpan 40;gravel sand 44;blue hardpan 40. Water at 4 and 40.
ES Con X " 4	J. Weins	J. Moore	Mar. 6, 1963	30	4	20	14	"	D	Topsoil 2;yellow clay 4;red clay 25;fine sand 32. Water at 70.
ES Con X " 6	N. Forwell	E.S. Martin	Oct. 7, 1963	4	10	60	19	"	D,S	Topsoil 20;blue clay 98;quicksand 124;blue clay 142; hardpan 148;fine sand coarse sand 152. Water from 148 to 152.
ES Con X " 6	A.S. Martin	"	Oct.21, 1963	4	10	25	9	"	D,S	Topsoil 14;blue clay 182;hardpan 149;coarse sand 152. Water from 149 to 152.
ES Con XI " 2	G. Haffner	C.H. Kerr	Sep. 6, 1960	5	15	70	50	"	D,S	Water was drilled 114;stony clay 156;shale 166;grey limestone 22. Water at 220.
ES Con XI " 6	D.S. Martin	E.S. Martin	Jun.1, 1963	4	13	50	33	"	S	Brown clay 20;blue clay 98;quicksand 104;blue clay 145; hardpan 150;coarse sand 154. Water at 150.
ES Con XI " 8	E.M. Martin	"	Oct.17, 1963	3	13	60	35	"	D,S	Brown clay 51;quicksand 35;blue clay 62;quicksand 92;blue clay 210;shale 223;bluish grey rock 228. Water from 223 to 228.
ES Con XII " 5	J. Wideman	E. McLaughlin & Sons	Mar.31, 1960	6	20	60	35	"	D,S	Topsoil 1;clay 39;hardpan boulders 45;clay hardpan 85; hardpan boulders 93;hardpan clay 101;quicksand 124;fine gravel 126. Water at 126.
ES Con XIII " 3	T.M. Hoover	E.S. Martin	Dec.23, 1963	4	13	35	32	"	D,S	Brown clay 25;blue clay 48;hardpan 116;fine gravel coarse sand 118. Water from 116 to 118.
ES Con XIII " 5	G. Horst	R.I. McLaughlin	Mar.31, 1963	5	12	98	85	"	D,S	Red clay 56;gravel 65;hardpan 123;fine sand 124;red clay 164; clay stone 172;gravel 173;hardpan 208;grey rock 215. Water at 208 and 215.
ES Con XIII " 7	A. Hoover	E.S. Martin	Sep.20, 1963	4	13	26	25	"	S	Brown clay 18;blue clay 155;quicksand 192;dark grey shale 208. Water at 208.
ES Con XIV " 2	E.M. Martin	"	Nov.28, 1963	4	10	85	59	"	D,S	Brown clay 12;stony hardpan 111;quicksand 114;hardpan 117; fine brown sand 118. Water from 117 to 118.
ES Con XIV " 5	S.S. # 5	R.I. McLaughlin	Sep.25, 1961	6 1/2	15	56	45	"	P	Topsoil 1;clay 79;hardpan streaks quicksand 105;hardpan clay 160;gravel 162. Water at 160.
ES Con XIV " 7	N. Hoover	"	Oct.1, 1963	5	15	99	86	"	D,S	Topsoil 1;hardpan clay 69;gravel 72;hardpan 137;clay 153; hardpan 197;red clay 214;hardpan 216;gravel 217. Water at 216.
ES Con XV " 6	G.M. McKay	E. McLaughlin & Sons	May 26, 1960	6	18	80	75	"	S	Topsoil 1;clay stones 38;clay hardpan 101;hardpan boulders 124;gravel 126. Water from 124 to 126.
WS Con I " 8	K. Green	R.I. McLaughlin	Nov.12, 1963	5	15	86	75	"	D,S	Topsoil 3;sand clay 27;blue clay 76;hardpan 116;grey clay 185; hardpan 208;grey rock 219. Water from 208 to 219.
WS Con II " 9	M. Lichty	"	Feb.21, 1962	5	15	92	80	"	D,S	Topsoil 1;sand 71;clay 156;hardpan 175;clay 190;hardpan 200; gravel 203. Water at 200.
WS Con II " 9	H. Erb	"	Feb. 7, 1963	7	12	157	92	"	D,S	Dug well 60;sand 80;clay 130;sand 140;clay 200;sand 217. Water at 207.
WS Con III " 2	M. Slegner	N. Steinmen	Jan.14, 1961	4	12	33	27	"	D,S	Brown clay 8;stony blue clay 55;hardpan 97;dirty gravel 121; grey clay 136;sand 140;hardpan 157;gravel 158. Water at 157.
WS Con III " 7	J.A. Dewar	Steinman & Baird	Sep.21, 1963	5	12	135	95	"	D,S	Brown clay 44;dirty fine sand 73;grey clay 118;hardpan 188; gravel 189. Water at 189.
WS Con III " 8	J.G. Erb	"	Jun.14, 1963	4	18	108	94	"	D,S	Old well 62;sandy gravel 65;hardpan 95;grey clay 157;gritty hardpan 165;hardpan 188;sand gravel 191. Water from 188 to 191.
WS Con III " 9	S.S. # 8	R.I. McLaughlin	Oct.18, 1963	5	18	144	129	"	P	Topsoil 1;clay 88;sand clay 91;hardpan 207;hardpan boulders 254;hardpan 284;sand 287;gravel hardpan 317;gravel 321. Water at 318.
WS Con III " 11	N. Roth	J. Sauder	May 10, 1960	5	5	130	28	"	D,S	Topsoil 21;yellow sandy clay 61;blue clay 112;brown sand 114;blue clay 130;yellow sandy clay 140;fine gravel 140. Water from 112 to 114.
WS Con III " 12	Cedar Grove Church	Steinmen & Baird	Jul.24, 1963	4	16	94	75	"	P	Brown clay 21;sandy clay sand 33;grey clay 92;hardpan 163; grey clay fine sand 208;hardpan 238;brown clay 249;gritty hardpan 260;blue clay 288;blue shale;brown limestone 300.

D. Kuepfer	G.L. Davidson	Mar. 2, 1961	4	12	73	58	Fresh	D, S	Sand gravel 12; brown clay 62; sand 64; blue clay 96; sand 112; stony hardpan 152; sand 166; stony hardpan 174; sort brown rock red yellow layers 214. Water from 186 to 214.
R. Hammer	Steinman & Baird	Sep. 25, 1963	7	15	44	36	"	D, S	Sandy clay 14; gravel 19; sand 41; gravel 45; grey clay 48 gravel 49. Water at 49.
E. Steckley	E. McLaughlin	Aug. 15, 1961	5	15	180	142	"	D, S	Topsoil 1; clay 15; sand 26; quicksand 48; blue clay 128; hardpan 254; fine sand gravel 266; gravel 268. Water from 254 to 268.
D.E. Gerber	Hadco Well Drilling	Jul. 9, 1962	30	2	17	10	"	S	Topsoil 1; brown sandy clay 7; brown sand 10; brown sandy clay 11; brown sand 20. Water at 10 and 14.
A. Lichty	Steinman & Baird	Oct. 19, 1962	4	20	95	70	"	D, S	Sandy clay 35; puffy hardpan 19; gritty hardpan 1-yers brown limestone 224; greyish brown limestone 242; blue shale 291; reddish brown limestone 294. Water from 290 to 294.
E. Albrecht	G.L. Davidson	Apr. 6, 1961	4	11	65	52	"	D, S	Clay 10; sand 18; hardpan sand gravel 96; stony hardpan 106; hardpan 128; stony hardpan 199; coarse gravel 204. Water at 204.
J.L. Zehr	Steinman & Baird	May 25, 1963	4	14	65	60	"	D, S	Topsoil 2; grey clay 42; fine sand 46; grey clay 126; hardpan 180; sand gravel 191. Water from 184 to 191.
E. Wegler	"	Aug. 23, 1962	5	20	37	32	"	D, S	Brown clay stones 38; sandy clay 70; coarse sand 75. Water from 70 to 75.
R. Gerber	J. Sauder	Mar. 15, 1962	5	17	123	117	"	D, S	Topsoil 3; yellow clay 28; quicksand 30; blue clay 60; stony brown clay 75; brown clay 110; quicksand 115; yellow sand stones 145; blue clay 185; stony coarse yellow sand 211; brown clay 225; sandy brown clay 261; fine yellow sand 263; brown clay 285; brown shale 296; brown solid rock 213; brown rock 214. Water from 213 to 214.
P.M. Potsee	Steinman & Baird	Aug. 23, 1963	4	15	98	75	"	D, S	Brown clay 12; grey clay 76; gritty hardpan 114; fine sand 136; grey clay 151; sand 177; clay 200; gritty hardpan 262; sandy gravel 270. Water at 270.
S. Yantz	Banes Drilling Co.	Nov. 20, 1963	30	10	34	22	"	D, S	Brown clay 5; grey clay 10; brown sand 12; grey clay 30; grey silty sand 36. Water at 12 and 32.
J. Martin	G.L. Davidson	Apr. 3, 1963	4	10	110	85	"	D, S	Clay 15; sand 20; clay 66; sand 78; hardpan 140; sandy gravel 165; hardpan 241; grey shale 248; brown rock 268. Water at 268.
E. Runstedler	J. Sauder	Feb. 21, 1960	5	15	46	41	"	D, S	Topsoil 3; yellow clay 60; hardpan 121; blue clay stones 170; blue clay 225; brown shale 234; sandstone rock 245; brown rock 246. Water at 245.
C. Stever	G.L. Davidson	Jan. 23, 1961	4	7	97	88	"	D, S	Sandy clay 8; stony hardpan 22; clay 28; stony clay gravel 32; clay stones 62; sand 64; clay stones 198; brown shale 208; blue shale 220. Water at 220.
A. Runstedler	"	Apr. 21, 1961	4	6	106	97	"	D, S	Stony clay 16; clay 56; sand 62; hardpan clay sand 166; sand 188; stony hardpan 248; red shale 258; brown rock 274. Water at 274.
S. Lichty	E. Sauder	Apr. 1, 1960	4	12	60	52	"	D, S	Dug well 22; grey clay stones 11; cemented gravel 130; sandy clay 200; fine sand 220; silty sand 240; hard blue rock 256; brown rock 263. Water from 256 to 263.
A. Lunz	"	Mar. 18, 1960	5	15	47	45	"	P	Topsoil 1; brown clay stones 101; cemented gravel 131; hardpan 200; sand silty clay 210; fine sand 222; hard blue rock 235; brown rock 240. Water from 235 to 240.
G. Runstedler	G.L. Davidson	Jul. 12, 1962	4	12	60	55	"	D	Blue clay 118; sand 12; hardpan 18; sand 205; blue rock 243. Water at 243.
C. Martin	"	May 3, 1963	3	12	94	67	"	D, S	Clay 3; sand 59; hardpan sand 140; sand gravel hardpan 230; shale sort rock 236; soft blue rock 244; sort brown rock 250; hard blue rock 265. Water at 265.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wellesley Twp. - cont. WS Con XII lot 8	D. Cingrich	R.I. McLaughlin	Jun. 25, 1962	5	16	68	63	Fresh	D, S	Topsoil 2; clay 74; rippen boulders 216; sand 220; gravel 221. Water at 220.
WS Con XIII	M. McKay	"	Aug. 3, 1962	5	20	72	65	"	D, S	Topsoil 2; clay 15; quicksand 16; clay 58; hardpan 120; clay 126; hardpan 135; clay 185; hardpan 225; gravel 228. Water at 225.
WS Con XIII	E.B. Bowman	J. Sauder	Nov. 10, 1960	5	20	32	26	"	D, S	Topsoil 3; brown clay 30; yellow clay 60; blue clay 115; soft blue clay 130; silty clay 144; sandy clay 160; boulders 164; yellow clay 174; cemented sand 172; blue clay 230; shale 239; white limestone 240. Water at 240.
Wilmot Twp. BRN lot 2	Kitchener Water Comm.	International Water Supply Ltd.	Jan. 27, 1961	2	27	13	10	Fresh	T	Topsoil boulders 3; silty sand 49; gravel sand 53; sand gravel streaks fine sand 70; fine sand gravel 75; boulders coarse gravel sand 80; gravel sand 84; boulders gravel hard sand 86; brown blue clay hard soft streaks 97. Water at 49 & 85.
BRN	"	"	Mar. 8, 1961	2	37		22	"	T	Sandy clay 7; coarse gravel boulders sand 10; clay 11; gravel sand 17; coarse gravel sand 24; gravel sand 34; coarse sand fine gravel streaks 80; hard blue clay 86; sandy blue white clay gravel hard packed 102; sandy clay 113; blue clay 114; sand clay streaks clay fine gravel 142; sandy clay gravel boulders very hard packed 159; cemented sand gravel 162. Water at 10, 60, 160.
BRN	G. Milne	Hadco Well Drilling	Oct. 9, 1962	30	2	29	24	"	D	Topsoil 1; brown sandy clay 15; blue clay 16; blue hardpan 48; brown sand 28; fine gravel 30. Water at 24.
BRN	M. Shantz	L.C. Shantz	Jun. 12, 1961	5	14	126	62	"	D, S	Topsoil 6; silty sandy clay 101; clay 126; silty sandy clay 133; sand 137. Water from 133 to 137.
BRN	H. Horstetter	Hadco Well Drilling	Oct. 9, 1962	27 1/2	3	25	16	"	S	Topsoil 6; brown clay 9; brown hardpan 14; blue clay 16; blue sand 27. Water at 16.
BRN	K. Coxon	C. & H. Kerr International Water Supply Ltd	Feb. 1, 1960	6	15	20	13	"	D	Clay 15; sand 19; clay 47; fine gravel 53. Water from 47 to 53.
ERS	Water Comm.	Water Supply Ltd	Feb. 2, 1961	2		36	36	"	T	Topsoil 2; sand gravel boulders 11; sand brown clay 16; sand 23; brown sandy clay 62; sand 77; sand clay streaks 91; sand gravel 99; gravel sand boulders 111; cemented sand gravel boulders 144; brown clay 116; blue clay sandy hard gravel 139.
ERS	W.W. Schmidt	Hadco Well Drilling	Feb. 20, 1962	30	2	37	33	"	D	Topsoil 1; brown clay 4; brown coarse sand 26; brown clay 27; brown sand 36; blue clay 37. Water at 33.
ERS	E. Hallman	L.C. Shantz	Jan. 30, 1963	7	15	134	107	"	D, S	Topsoil 1; sandy clay 18; clay gravel 35; clay 67; gravel clay 164; silty sandy clay 167; clay 249; silty sandy clay 253; clay 270; gravel sand 273. Water from 270 to 273.
ERS	P. Bechtel	C. & H. Kerr	May 15, 1963	7	22	84	59	"	D, S	Sand 30; gravel 80; coarse gravel 89. Water from 80 to 89.
ERS	R.S. Roth	H.A. Kerr	Aug. 7, 1961	4	15	40	22	"	N	Clay 44; sand 43; clay 62; silty sand 65; clay 120; blue soft rock 135. Water at 133.
ERS	E. Bender	J. Moore	Jul. 3, 1962	30	3	22 1/2	15	"	D	Clay 32 1/2; water at 32 1/2.
ERS	W. Steckley	C. & H. Kerr	Feb. 23, 1963	4	15	120	99	"	D	Clay 114; sand clay 122; coarse sand 152; hardpan 178; grey limestone 195. Water at 195.
ERS	H. Plummer	"	Jul. 20, 1963	4 1/2	15	59	54	"	D	Brown clay boulders 66; sand clay streaks 142; hardpan 148; white limestone 164. Water from 160 to 164.
ERS	W. Wagler	"	Mar. 15, 1963	4 1/2	15	42	26	"	D, S	Sandy clay 30; gravel clay 76; hardpan sand streaks 94; sandy clay 138; gravel 142; sand 154. Water at 150.
ERS	O. Bechtel	E. McLaughlin & Sons	May 18, 1960	6	35	42	80	"	S	Topsoil 1; gravel 6; hardpan 36; quicksand 65; hardpan 125; gravel 128. Water at 128.
BA Con I	W. Shantz	C. & H. Kerr	Jan. 31, 1960	5 1/2	5	85	77	"	D	Clay 28; gravel 87. Water at 86.
BA Con I	W. Barnes	R.I. McLaughlin	Feb. 28, 1963	5	15	73	60	"	D, S	Topsoil 1; sand gravel 66; gravel sand 81. Water at 69.
BA Con I	W. Schiedel	E. McLaughlin & Sons	May 24, 1962	5	20	170	80	"	S	Topsoil 1; clay sand mixture 18; fine sand 45; blue clay 95; sand clay 131; blue clay 155; hardpan 165; medium coarse sand 176; coarse sand 186. Water from 176 to 186.

Loc. No.	Loc. Name	Loc. Cont.	C. & H. Kerr	Date	6	5	25	15	Fract.	D	Notes
BA Con I	E.J. Holler	" 20	"	May 6, 1960	5	5	15	50	"	D	Clay 15; clay gravel 29; Water at 27.
BA Con I	S. Wagner	" 23	"	Apr. 20, 1960	5	15	60	50	"	D	Clay 28; hardpan 78; coarse sand 90. Water at 88.
BA Con I	R. Roth	" 24	"	Jun. 11, 1960	4 1/2	12	110	90	"	D	Blue clay 20; sand 33; clay 88; silt sand 140; clay 168; stony clay 195; gravel rock 224. Water at 220.
BA Con I	"	"	N. Steinron	Jul. 6, 1960	4	15	15	12	"	D	Dark clay 56; dirty sand 72; clay sand 143; limestone 144. Water at 144.
BA Con II	C. Becker	" 3	HadcoWell Drilling	Jun. 9, 1961	30	8	44	35	"	S	Topsoil 1; brown clay 7; fine brown sand 38; coarse sand 45. Water from 38 to 45.
BA Con II	T. Hallman	" 6	C. & H. Kerr	Dec. 27, 1960	5 1/2	15	30	40	"	D	Sand 22; clay 70; hardpan 109; coarse sand 114. Water at 112.
BA Con II	R. Stlemen	" 13	AcmeWell Drillers	Mar. 23, 1963	4	6	90	40	"	D, S	Fill; gravel boulders 30; blue clay 90; sand 102; gravel 109. Water at 109.
BA Con II	R. Schiedel	" 22	Bones Drilling	Dec. 13, 1963	30	10	35	30	"	D, S	Sandy clay 3; clay 6; brown clay 10; brown fine sand 38. Water at 30.
BA Con II	L. Weeden	" 24	H.A. Kerr	Jun. 20, 1961	4	15	120	100	"	D, S	Blue clay 22; sandy clay 70; silty sand 155; blue clay 195; grey rock 228. Water at 127.
BA Con II	M.K. Both	" 31	HadcoWell Drilling	May 11, 1963	30	3	30	20	"	D	Topsoil 2; hard brown hardpan 10; blue clay gravel 38; hardpan rocks 50. Water at 12 and 47.
BA Con III	H. Stoltz	" 2	E. McLaughlin & Sons	Aug. 20, 1962	7	17	121	116	"	D, S	Topsoil 1; hard brown clay 3; fine coarse sand brown clay 27; soft blue clay 51; sand clay 65; hardpan 78; sand clay 111; hardpan 140; coarse sand fine gravel 142. Water from 140 to 142.
BA Con III	C.V. Boek	" 7	HadcoWell Drilling	Jul. 23, 1962	30	5	39	33	"	D, S	Topsoil 1; brown clay 18; blue clay 33; gravel 40. Water at 33.
BA Con III	C. Shantz	" 9	E. McLaughlin & Sons	Feb. 25, 1961	6	20	58	42	"	D	Topsoil 1; clay sand stones 9; clay sand 21; blue clay 48; hardpan 86; medium gravel 89. Water from 86 to 89.
BA Con III	I. Shantz	" 17	Steinron & Baird	Oct. 29, 1963	4	20	23	Flows	"	D, S	Clay 28; clay stones 6; sandy clay 67; gritty hardpan 122; gritty brown clay 129; fine sand 129; gritty brown clay 152; grey clay 171; shale 172; brown limestone 173. Water at 173.
BA Con III	S.C.D. Martin	" 29	HadcoWell Drilling	Feb. 9, 1961	30	4	25	16	"	D	Topsoil 1; blue clay 40; blue sand 48. Water from 40 to 48.
BA Con IV	C. Crasman	" 18	R.I. McLaughlin	Feb. 12, 1963	7	15	51	51	"	D, S	Clay 43; hardpan 83; gravel 91. Water at 90.
BA Con IV	J. Shearer	" 28	Steinman & Baird	Oct. 25, 1962	4	12	28	20	"	D, S	Stony gravel 30; gritty clay 52; hardpan 82; hardpan limestone 124; gravel clay 136; brown limestone 139. Water at 139.
BB Con I	Carmelite Monastery	" 2	L.C. Shantz	Mar. 21, 1963	7	12	48	22	"	P	Well pit 6; blue clay 35; clay coarse gravel 36; sandy clay 45; clay 100; sandy clay gravel 140; gravel clay sand 145; sand gravel 151. Water from 145 to 151.
BB Con I	C. Fritz	" 5	R.I. McLaughlin	Sep. 11, 1963	7	15	208	198	"	D, S	Brown topsoil 10; sandy clay 215; brown sand 260; blue clay hardpan 455; grey sand 460; grey limestone 550. Water from 543 to 550.
BB Con I	P. Renuse	" 6	AcmeWell Drillers	Feb. 15, 1963	4	10	180	180	"	D, S	Dug well 61; sand 155; quicksand 158; blue clay 205; sand clay 220; hard blue clay 255; sand gravel 262; sand fine gravel 344; brown clay 344; blue rock 348. Water at 342.
BB Con I	J. Henhoerfer	" 9	HadcoWell Drilling	Aug. 3, 1961	30	10	25	17	"	D, S	Topsoil 1; brown sand 6; brown clay 8; brown sand 26. Water from 8 to 14.
BB Con I	V. Grzyb	" 12	"	Aug. 23, 1961	30	10	39	34	"	D, S	Topsoil 1; brown clay 14; blue clay 32; blue sand 40. Water at 34.
BB Con I	M. Jantzi	" 20	R.I. McLaughlin	Mar. 13, 1962	5	15	95	70	"	D, S	Topsoil 1; gravel 68; hardpan boulders 181; clay 201; rock 237. Water at 205.
BB Con II	Fairlyland Farms	" 1	"	Jul. 5, 1963	5	15	41	30	"	D, S	Topsoil 2; clay 32; sand clay 89; blue clay 108; hardpan 250; sand 253; hardpan 280; gravel 287. Water from 280 to 287.
BB Con II	R. Musseltrn	" 3	E. McLaughlin & Sons	Jul. 18, 1960	5	20	80	62	"	D, S	Topsoil 1; sand 16; hardpan 47; clay 90; fine quicksand 142; coarse quicksand 143. Water from 132 to 143.
BB Con II	P. Dietrich	" 5	R.I. McLaughlin	Aug. 21, 1961	5	15	81	72	"	D, S	Topsoil 1; sand 3; quicksand 40; clay 166; sand 194. Water at 180.
BB Con II	W. Koch	" 16	"	Jan. 12, 1963	7	36	22	16	"	D, S	Topsoil 1; grey clay 50; fine gravel 54; brown clay stones 100; hardpan boulders 145; grey limestone 162. Water at 160.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING PUMP- DIA- METER	PUMP- ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont Wellmsley Twp. - cont BB Con III lot 4	C. MacDonald	Steinman & Baird	Aug. 5, 1963	4	5½	82	Fresh	P	Grey clay 91;gritty hardpan 98;grey gritty clay 135;grey limestone 156. Water at 155.
BB Con III " 2	E. Stabler	J. Moore	Nov.18,1963	30	5	14	"	D	Fine sand 15;blue clay sand 20;blue clay 24½. Water at 7.
BB Con III " 13	R. Gerber	E. McLaughlin & Sons	Jan. 5, 1961	5	25	33	"	D,S	Topsoll 1; brown clay small stones 16;blue clay 121;hardpan 155;cemented gravel 177;hardpan 201;coarse sand 220;medium gravel 223. Water from 201 to 223.
BB Con III " 13	A. Koehler	"	Apr. 8, 1961	5	30	74	"	D,S	Topsoll 1; clay 60;hardpan 220;sand stones silt 228;hardpan 260;gravel 264. Water at 260 and 264.
BB Con IV " 18	P. Tutt	HadcoWellDigging	Apr.28,1961	30	4	25	"	D	Topsoll 1; brown clay 7;grey clay 12;blue hardpan 20;gravel 23;blue hardpan 25. Water at 20.
NER " 1	M. Malinschek	E. McLaughlin & Sons	Nov.17,1960	5	18	145	"	D,S	Clay 12;sand 45;clay sand 78;sand 105;hardpan 149;quicksand 153;hardpan 190;hardpan sand 204;sand 215. Water at 204.
NER " 3	W. Roy	HadcoWellDigging	Jun.21,1961	30	5	53	"	D	Topsoll 1; fine brown sand 43;brown clay 44;coarse sand 55. Water from 44 to 55.
NER " 3	K. Donbleday	"	Apr.28,1962	30	8	29	"	D	Topsoll 1; brown clay 14;blue clay 20;blue sand 23;blue clay 30. Water at 20.
NER " 4	T. Dietrich	E. McLaughlin & Sons	Oct.24,1963	7	20	148	"	D,S	Topsoll 1; brown clay sand 33;blue clay 48;fine sand clay 51;blue clay 75;medium coarse sand clay 85;blue clay 150;clay sand 160;medium sand 170;coarse sand 182;coarse sand stones 197. Water from 160 to 197.
NER " 5	B. Scott	HadcoWellDigging	Oct.26,1960	30	3	32	"	D	Topsoll 1; brown clay 24;fine sand 40. Water at 25.
NER " 6	H.L. Stoesser	E. McLaughlin & Sons	Jun.22,1963	5	12	150	"	D,S	Topsoll 1; brown clay small stones 29;coarse sand fine gravel clay 78;medium fine sand 115;blue clay 130;fine very coarse sand 170. Water from 130 to 170.
NER " 7	C. Schwartzentruber	"	Jun.14,1961	8	540	148	"	P	Topsoll 1; clay 5;gravel 6;hardpan clay 42;sand 95;clay boulders 98;sand 116;fine quicksand 145;coarse quicksand 153;gravel 192. Water at 158 and 170.
NER " 17	A. Lentz	"	Dec. 3, 1960	5	24	32	"	D,S	Topsoll 1; clay 46;hardpan 86;clay 100;sand hardpan 120; limestone 132. Water at 120.
NER " 18	G. Maurer	B.I. McLaughlin	Sep. 9, 1961	5	16	34½	"	D,S	Fill 9;clay 77; gravel 89;hardpan 112;boulder 114;hardpan 142; grey limestone 168. Water at 144.
SER " 3	W. Herlle	C. & H. Kerr	Apr. 1, 1963	7	15	105	"	D,S	Grey clay 70;stone clay 115;medium fine sand 119. Water from 115 to 119.
SER " 5	C. Montag	HadcoWellDigging	May 30, 1961	30	8	39	"	S	Topsoll 1; brown clay 4;sand 32;gravel 32;sand 40. Water at 32.
SER " 5	G. & M. Montag	E. McLaughlin & Sons	Mar.31,1962	7	20	150	"	D,S	Small stones clay sand fill 45;blue clay 103;fine sand 155; cemented gravel 175;sand fine gravel mix 193;medium gravel 196. Water from 175 to 196.
SER " 6	W. Dietrich	"	Jul.22,1963	5	14	182	"	D,S	Topsoll 1; medium sand clay 100;blue clay 110;layers clay sand blue clay 235;fine sand clay 245;blue clay 292;quicksand 303; blue clay 364;hardpan 379;medium gravel 382. Water from 379 to 392.
SER " 7	L. Reiner	"	Oct.17,1960	6	20	112	"	D,C	Clay sand 3;gravel 16;sand 90;quicksand 110;coarse sand 115; fine gravel 117. Water at 117.
SER " 7	G. Zahra	B.I. McLaughlin	May 8, 1961	6½	16	122	"	D	Topsoll 2;sand streaks gravel 105;hardpan gravel 134;sand gravel 141;gravel 145. Water from 134 to 145.
SER " 9	J.V. Witmer	L.C. Shantz	Jan.30,1960	5	15	36½	"	D,S	Topsoll 1;sand 48;sand gravel 89. Water from 48 to 89.
SER " 11	V. Scherer	Benes Drilling Co.	Oct. 8, 1963	30	10	40	"	D	Fine brown sand 51. Water at 36.
SER " 12	Shantz Menon-ite Church	R.I. McLaughlin	Jun. 7, 1963	5	15	100	"	P	Brown sand 40;hardpan 150;blue clay 220;grey sand 270;gravel 275. Water at 270.
SER " 14	W. Weber	"	Jan.29,1962	5	15	91	"	D,S	Topsoll 1;sand 60;clay 150;hardpan 183;clay 200;hardpan 227; gravel 231. Water at 227.

SER	D. Mohr	G.L. Davidson	Mar. 20, 1961	4	12	P5	70	Fresh	D.S	Clay 20; quicksand 40; soft clay 92; clay 98; sand 110; clay 120; sand 124; stony hardpan 140; sand stones 158; shale sand 197; blue rock 216; brown rock 238. Water at 238.
SRN	" 2	W. Lautenschlager	Oct. 24, 1963	6	55	100	69	"	D.S	Topsoil; brown clay 50; brown sand stones 128; coarse sand 136. Water from 130 to 136.
SRN	" 6	R.I. McLaughlin	Apr. 24, 1962	5 1/2	13	150	120	"	D	Topsoil; sand 20; clay 35; hardpan 46; blue clay hardpan 204; gravel 286. Water at 284.
SRN	" 6	N.N. Falkner	Oct. 13, 1963	6	20	125	118	"	P	Topsoil; brown sand clay 20; grey rubble 79; grey clay sand 112; dark grey clay 269; cemented gravel 276; cemented sand gravel 281. Water from 274 to 276.
SRN	" 6	"	Nov. 1, 1963	10	117 1/2	189	117 1/2	"	P	Topsoil; brown sand clay 20; grey rubble 79; grey clay sand 112; dark grey clay 269; cemented gravel 276; cemented sand gravel 281. Water from 274 to 276.
SRN	" 7	E. McLaughlin & Sons	May 12, 1962	5	30	73	70	"	D.S	Topsoil; clay 8; sand 20; hardpan 40; sand 47; sand gravel 78; gravel 168. Water from 160 to 168.
SRN	" 7	R.I. McLaughlin	Mar. 11, 1963	5	18	125	120	"	D.S	Topsoil; clay 15; clay 42; sand clay 96; fine sand 100; clay 160; hardpan 237; hardpan gravel 249; sand clay 272; sand gravel 279. Water at 272.
SRN	" 8	O. Schwartzentruber	Sep. 4, 1962	30	2	27	12	"	D.S	Topsoil; brown sand 5; sand stones 7; brown clay 11; gravel 13; blue clay 17; grey sand 18; blue clay 28. Water at 12 and 17.
SRN	" 8	A. Steinman	Sep. 10, 1963	7	18	63	57	"	D.S	Soil 5; gravel clay 15; clay stone 49; hardpan 89; sand 109; gravel 111. Water at 109.
SRN	" 9	C. Holst	Oct. 11, 1963	5	10	140	130	"	D	Soil 5; gravel clay 15; clay stones 46; loose hardpan 91; quicksand 93; hardpan clay 120; clay 158; hardpan 230; clay hardpan 254; hardpan 267; rock 294. Water at 288.
SRN	" 10	N. Balidham	Jun. 10, 1961	30	2		30	"	D	Medium sand 431. Water at 30.
SRN	" 10	L. Scriverick	Jun. 15, 1961	30	2		30	"	D	Medium sand 631. Water at 30.
SRN	" 12	C. Hondrich	Jun. 17, 1960	6	15	30	10	"	D	Clay 13; sand 44; hardpan 31; coarse sand 43. Water at 41.
SRN	" 12	Snyder Transp.	Oct. 11, 1963	7	30	27	10	"	P	Sand 39; fine sand 43. Water from 39 to 43.
SRN	" 16	H. Veitch	Nov. 8, 1961	30	15	34	26	"	D	Topsoil; brown clay 17; blue clay 20; blue sand 32; blue clay 36. Water at 26.
SRN	" 18	Waterloo Oxford HSchool	Mar. 15, 1962	8	216	125	72	"	P	Dug pit in clay 5; clay 48; hardpan 97; fine sand 122; medium sand 135; coarse sand 140; coarse sand fine gravel 149. Water from 132 to 149.
SRS	" 1	W. Franke	Oct. 24, 1960	6	10	124	118	"	D	Sand 15; clay 65; gravel 118; sand 123; gravel 133. Water at 132.
SRS	" 1	P. Bratusa	Sep. 28, 1961	27 1/2	4	38	18	"	D	Topsoil; brown clay 14; blue clay 22; blue sand 23; blue clay 40. Water at 22.
SRS	" 1	D. Petzold	Mar. 10, 1962	4 1/2	12	95	95	"	D	Fill; hard blue clay 89; sand thirty gravel 130; gravel 141. Water at 141.
SRS	" 1	H. Becker	Jun. 18, 1962	4	6	200	100	"	D	Fill 5; boulders gravel 85; dirty gravel 175; mulch sand 180; sand 270; gravel 337. Water at 337.
SRS	" 1	G. Theil	Jun. 30, 1962	4	5	14	14	"	D	Fill 9; hard blue clay 60; sand thirty gravel 123; gravel 135. Water at 135.
SRS	" 1	J.A. Heyvaert	Jul. 3, 1962	5	20	125	121	"	D	Topsoil 1; soft brown clay 8; sand clay mix 33; soft blue clay 85; hard cemented gravel 191; hard blue clay 140; hardpan 165; coarse sand fine gravel 174. Water from 165 to 174.
SRS	" 1	E.W. Kark	Sep. 7, 1963	30	10	14	16	"	D	Topsoil loam 2; grey medium stiff clay 27; small stones. Water at 25.
SRS	" 1	G.W. Quirk	Sep. 11, 1963	30	10	15	17	"	D	Sandy brown clay 5; medium brown sand 27; soft grey clay 27 1/2. Water at 17.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont. Wilmot Twp. - cont. SRS lot 1	H.A. Bender	R.I. McLaughlin	Dec. 2, 1963	7	25	115	111	Fresh	D	Topsoil 1; brown clay small stones 6; fine sand 10; blue clay 48; cemented gravel 128; fine coarse gravel 135. Water from 128 to 135.
SRS " 3	E. Skobegard	Banes Drilling Co.	Dec. 18, 1963	30	10	37	23	"	D	Gray clay 22; fine silty gray clay 40. Water at 22.
SRS " 5	L. Scott	Hadco Well Digging	Jun. 9, 1961	30	6	13	8	"	D	Topsoil 1; brown sandy clay 5; fine sand 14. Water at 7.
SRS " 6	Schmalz & Harrison Ltd.	E. McLaughlin & Sons	Apr. 1, 1963	6	20	103	125	"	D	Topsoil 1; brown clay 8; gravel clay 12; sand clay 35; hardpan 126; fine sand 132; hardpan 260; fine sand 270; blue clay 304; medium coarse sand 320. Water from 304 to 320.
SRS " 7	Tend-r-Flesh turkey Ltd.	"	Aug. 20, 1960	8	65	59	48	"	C	Topsoil 1; clay sand 30; sand 78; hardpan sand 85; sand 100. Water at 87.
SRS " 8	E. Schwartzentruber	"	Sep. 13, 1961	7	30	38	28	"	D, S	Topsoil 1; clay 5; hardpan boulders 18; clay 42; hardpan 67; gravel sand 79; clean gravel 83.
SRS " 9	M. Schwartzentruber	Hadco Well Digging	Mar. 11, 1961	30	10	48	40	"	D	Topsoil 1; brown clay 7; stones 10; blue clay 25; brown sand 40; fine gravel 49. Water from 40 to 49.
SRS " 9	C. Pratcher	R.I. McLaughlin	Apr. 26, 1961	5	18	80	60	"	D	Topsoil 2; clay 25; sand clay streaks 5; sand gravel 84; sand 92. Water from 84 to 92.
SRS " 13	Dr. R. Barton	C. & H. Kerr	Oct. 6, 1961	13	31	11	11	"	D, P	Blue clay 48; sand 55. Water from 48 to 55.
SRS " 14	A. Witmer	Hadco Well Digging	Oct. 20, 1960	30	6	Flows	Flows	"	D	Topsoil 1; brown clay 14; blue clay 19; blue sand 29. Water at 19.
SRS " 14	Baden Park	C. & H. Kerr	Jun. 20, 1963	5 1/2	7	32	6	"	P	Brown clay 16; soft brown clay 19; sand 49. Water from 40 to 49.
SRS " 15	H.C. Veitch	Hadco Well Digging	Aug. 19, 1960	30	3	22	8	"	D, P	Topsoil brown clay 6; fine sand 9; gray clay 30; gravel 31; blue sand 35. Water at 8 and 30.
SRS " 15	M. Roth	C. & H. Kerr	May 26, 1962	5	15	66	50	"	D	Clay 30; marl 38; clay stones 62; coarse sand 70. Water from 66 to 70.
SRS " 15	D. Schwindt	"	Jun. 4, 1962	5	10	65	50	"	D	Due well 40; sand 64; coarse sand 69. Water from 65 to 69.
SRS " 15	H. Schridt	Hadco Well Digging	Jun. 13, 1962	30	6	29	16	"	D, S	Topsoil 1; brown clay 9; blue clay 14; blue sand 17; blue clay 26; blue sand 30. Water at 14 and 30.
SRS " 15	"	C. & H. Kerr	Oct. 7, 1963	5	15	68	34	"	P	Clay 35; sandy clay 67; coarse sand 71. Water from 68 to 71.
SRS " 16	K. Lieskau	R. McLaughlin	Aug. 28, 1961	6 1/2	20	61	55	"	D	Topsoil 1; clay 28; sand 60; hardpan 64; sand 81; gravel 83. Water at 81.
SRS " 16	W. Toman	Hadco Well Digging	Aug. 31, 1962	30	2	29	24	"	D	Topsoil 1; brown clay 14; blue clay 20; gray sand 24; brown gray sand 30. Water at 24.
SRS " 16	C. Wettlauffeur	J. Moore	Jun. 10, 1963	30	2	37	32	"	D	Blue clay 4; sand 40. Water at 32.
SRS " 17	R. Tutzi	C. & H. Kerr	Jul. 25, 1963	5 1/2	15	79	72	"	D	Blue well 38; sandy clay 70; sand 91; coarse sand 99. Water from 91 to 99.
SRS " 20	A. Breneman	Hadco Well Digging	Aug. 17, 1963	30	3	16	5	"	D	Sandy clay 3; sand 5; gravel 9; sand 18. Water at 5.
Woolwich Twp. CT GSE BP lot 4	S. Bearmann	N. McLean	Nov. 15, 1962	4	5	60	60	Fresh	D	Topsoil 5; brown clay stones 70; brown clay 90; gravel 90. Water at 90.
CT GSE BP " 6	D. Elvey	R.I. McLaughlin	Dec. 3, 1962	5	15	35	27	"	D	Gravel big stones 20; hardpan 44; clay 52; hardpan 64; clay 77; hardpan 98; brown rock 112. Water from 98 to 116.
CT GSE BP " 6	E. Gillek	C. & H. Kerr	Sep. 5, 1963	53	15	45	24	"	D	Hardpan 50; gravel 52. Water at 52.
CT GSE BP " 6	C. Wentzlaff	"	Sep. 26, 1963	5	15	100	53	"	D	Stony clay 64; soft brown clay 88; hardpan 150; blue limestone 158. Water from 104 to 158.
CT GSE BP " 7	N. Maclean	"	Aug. 2, 1962	4	4	18	13	"	D	Topsoil 2; gravel boulders 32; gravel 60. Water at 60.
CT GSE BP " 7	W.D. Strick	Hadco Well Digging	Sep. 2, 1962	30	5	16	13	"	S	Topsoil 1; brown clay 4; gravel 16. Water at 13.
CT On I " 4	E. Weber	G.L. Davidson	Jan. 23, 1960	4	15	56	38	"	D, S	Due well 14; silty clay 135; hardpan 155; brown shale 144; gravel rock 178. Water at 17.

Well No.	Loc.	Driller	Date	Depth	D.S.	Fresh	38	56	10	4	Jan. 23, 1960	G.L. Davidson	H. Weber	Notes
CT Con I	4	L. Lichy	Jan. 3, 1961	30	5	28	15	28	5	30	Jan. 3, 1961	HedcoWellDigging	H. Weber	Dug well 11; clay 17; gravel 13; harden 15; brown shale 164; grey 178; water at 156.
CT Con I	7	D. Johnston	Oct. 1, 1961	30	3	10	10	10	3	30	Oct. 1, 1961	"	"	Tosoll 1; brown clay 15; coarse sand 1; blue horizon 22; sand 1; gravel 20. Water at 55.
CT Con III	1	W. Ritz	Jan. 19, 1962	7	30	40	8	40	7	30	Jan. 19, 1962	E. McLaughlin & Sons	"	Tosoll 1; brown clay 5; sand 9; gravel 9; blue sand 10; blue clay 4; horizon 20. Water at 10.
CT Con III	3	M. Fieher	Nov. 21, 1961	30	1		22		1	30	Nov. 21, 1961	HedcoWellDigging	"	Dug well 4; horizon 7; grey limestone 92. Water from 90 to 92.
CT Con V	1	C. Martin	Aug. 28, 1961	5	17	45	30	45	17	5	Aug. 28, 1961	E. McLaughlin & Sons	"	Tosoll 1; brown sand gravel 5; brown clay 12; blue grey clay 2; blue clay 24; grey clay 33. Water at 22.
CT GSE BP	2	E.G. Martin	Oct. 18, 1960	20	5	10	5	10	5	20	Oct. 18, 1960	HedcoWellDigging	"	Stone wall due well blue clay 38; blue clay horizon 21; horizon large stones 41; horizon 101; gravel 105 to 113.
CT GSE BP	7	C. Wright	Jun. 5, 1962	6	15	52	27	52	15	6	Jun. 5, 1962	R.T. McLaughlin	"	sandy gravel coarse gravel 113. Water from 105 to 113.
CT GSE BP	8	C. Heronimus	Jul. 21, 1960	6	8	52	15	52	8	6	Jul. 21, 1960	E. McLaughlin & Sons	"	Tosoll 2; gravel 5; blue clay 15. Water at 5.
GCT	2	H. Murakami	Apr. 24, 1961	30	4	36	18	36	4	30	Apr. 24, 1961	HedcoWellDigging	"	Tosoll 1; horizon 16; gravel 109; water at 100. 72; horizon sand 74; horizon 101; blue clay 100. Water at 100.
GCT	3	M. Horst	Oct. 19, 1962	7	15	36	32	36	15	7	Oct. 19, 1962	R.I. McLaughlin	"	Tosoll 1; gravel 10; blue clay 100. Water at 100.
GCT	4	H.S. Snider	Oct. 7, 1961	27	15	36	32	36	15	27	Oct. 7, 1961	HedcoWellDigging	"	lich blue sand 2; blue clay 3; gravel 37. Water at 35.
GCT	7	K. Weber	Oct. 2, 1962	27	1	18	10	18	1	27	Oct. 2, 1962	"	"	Sand 2; gravel 16; clay 58; horizon 93; gravel 95. Water at 93.
GCT	7	M.S. Martin	Jan. 8, 1963	20	3	4	4	4	3	20	Jan. 8, 1963	J. Moore	"	Tosoll 1; brown clay 9; brown fine sand 12; blue clay 20. Water at 20.
GCT	7	L. Wanfield	Sep. 10, 1963	4	8	60	50	60	8	4	Sep. 10, 1963	N. MacLean	"	Tosoll 6; sand 2; brown clay 5; brown sand 11; blue clay 14; brown sand 25. Water at 11 and 23.
GCT	8	W. Hacklorn	Oct. 12, 1960	30	5	13	13	13	5	30	Oct. 12, 1960	HedcoWellDigging	"	Gravel 10; blue clay 18. Water at 61.
GCT	8	M.S. Martin	Jan. 3, 1963	30	2	66	60	66	2	30	Jan. 3, 1963	J. Moore	"	Sand 19; blue clay 86; horizon 102; clay small stones 165; sand gravel 172. Water at 172.
GCT	8	S. Ivel	Apr. 9, 1962	7	18	84	72	84	18	7	Apr. 9, 1962	R.I. McLaughlin	"	Tosoll 1; rock 13; blue horizon 22. Water at 13.
GCT	9	A. BruBecher	Jan. 31, 1963	5	15	72	50	72	15	5	Jan. 31, 1963	"	"	Tosoll 2; gravel 5; blue clay 72. Water at 62.
GCT	11	I. Weber	Jul. 9, 1963	7	15	58	45	58	15	7	Jul. 9, 1963	"	"	Tosoll 2; gravel 5; horizon 95; sand 98; clay horizon 151; clay sand 136; clay horizon 159; gravel 160. Water at 159.
GCT	11	W. BruBecher	Dec. 16, 1963	30	10	30	25	30	10	30	Dec. 16, 1963	J. Moore	"	Tosoll 1; gravel 16; horizon 169; horizon 171. Water at 142.
GCT	13	E. Stevers	Mar. 28, 1961	5	25	80	60	80	25	5	Mar. 28, 1961	R.I. McLaughlin	"	Tosoll 1; gravel 16; horizon 169; horizon 171. Water at 142.
GCT	18	Martin Grove Mobile Home Park	Jul. 24, 1963	8	29	42	38	42	29	8	Jul. 24, 1963	"	"	Tosoll 1; gravel 18; clay 50; horizon 58; quicksand 60; horizon 114; horizon 118; gravel 124; clay 126; gravel 130. Water at 126.
GCT	19	D. Martin	Jul. 21, 1962	4	10	60	60	60	10	4	Jul. 21, 1962	N. MacLean	"	Tosoll 2; gravel 5; blue clay 38; sand 40. Water at 38.
GCT	20	D.B.M. Martin	Apr. 5, 1962	30	5	28	11	28	5	30	Apr. 5, 1962	HedcoWellDigging	"	Tosoll 2; gravel 5; horizon 95; sand 98; clay horizon 151; clay sand 136; clay horizon 159; gravel 160. Water at 159.
GCT	22	A. Hafeman	Aug. 3, 1960	30	3	23	12	23	3	30	Aug. 3, 1960	"	"	Tosoll 1; gravel 16; horizon 169; horizon 171. Water at 142.
GCT	25	E. Martin	Jan. 8, 1962	5	15	82	65	82	15	5	Jan. 8, 1962	R.I. McLaughlin	"	Tosoll 2; gravel 5; blue clay 72. Water at 62.
GCT	30	A. Freickas	May 14, 1963	27	3	12	20	12	3	27	May 14, 1963	HedcoWellDigging	"	Tosoll 1; gravel 16; horizon 169; horizon 171. Water at 142.
GCT	30	A. Freickas	Sep. 17, 1963	30	3	12	10	12	3	30	Sep. 17, 1963	"	"	Tosoll 2; brown sand 2; hard blue grey clay 40. Water at 20.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION ¹	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER ²	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY -cont.										
Woolwich Twp. - cont.										
GCT lot 30	E. Schweitzer	J. Moore	Nov. 9, 1963	30	10	30	28	Fresh	S	Fine sand 40; coarse sand 42½. Water at 28.
GCT " 30	E. Jacob	HadcoWellDigging	Nov. 4, 1963	30	10	30	48	"	D,S	Sand 50; fine sand 64. Water at 50.
GCT " 31	K. Clemmer	"	May 7, 1963	30	2	25	20	"	D	Topsoil 1; brown clay rocks 18; blue clay rocks 21; gravel 25. Water at 21.
GCT " 32	R. Schiefley	"	Sep. 21, 1960	30	8	24	20	"	D	Topsoil 1; gravel sand 17; sand 20; gravel 22; blue clay 28½. Water from 20 to 22.
GCT " 35	D. Rodengurg	G.L. Davidson	May 25, 1960	4	15	36	27	"	D	Red clay 1; sand 25; blue clay 76; sand 90; hardpan 105; sandy gravel 114; dark brown rock 148. Water at 148.
GCT " 35	A.W. Frey	HadcoWellDigging	Jan. 24, 1961	30	4	19	8	"	D,S	Topsoil 1; brown clay rocks 4; gravel sand 5; sand 9; brown clay 12; blue hard clay 20. Water at 8.
GCT " 36	W. Machenfeller	"	Apr. 18, 1961	30	8	23	10	"	D	Brown clay 12; blue clay 18; sand 21; blue clay 24. Water at 12 and 16.
GCT " 37	N. Weber	R.I. McLaughlin	Sep. 21, 1962	8	80	53	20	"	D,S	Topsoil 2; clay 10; clay quicksand 35; hardpan 77; grey clay 91; hardpan 97; gravel 101; clay 110. Water at 97.
GCT " 41	G. Uhrig	E. McLaughlin & Sons	Jul. 13, 1960	6	15	75	60	"	D	Topsoil 1; clay 70; hardpan 60; sand gravel 76; sand 79; gravel 80. Water at 80.
GCT " 41	R. Rhodes	"	Jun. 5, 1961	6½	20	88	68	"	D	Topsoil 1; brown clay sand 9; cemented gravel brown clay 16; sticky blue clay 34; cemented hardpan 86; medium coarse sand 93; coarse sand fine gravel 96; fine medium gravel 98. Water from 86 to 98.
GCT " 41	G. Lichtmeyer	"	Nov. 10, 1961	6½	25	61	47	"	D	Topsoil 1; hard brown clay small medium stones 15; blue clay 45; hardpan 68; sand gravel clay mixture 73; fine medium gravel 76. Water from 68 to 76.
GCT " 41	S. Bach	HadcoWellDigging	Mar. 6, 1963	27½	5	6	9	"	D	Brown clay rocks 15; gravel 26; blue clay rocks 30. Water at 26.
GCT " 41	A. Schlutt	"	Apr. 10, 1963	30	3	6	12	"	D	Topsoil 2; brown clay gravel 10; brown sand 14; gravel 18; blue clay rocks 30. Water at 16.
GCT " 41	Woolwich Twp. Garage	Banes Drilling Co.	Jul. 9, 1963	30	1	24	21	"	C	Sand 5; brown clay stones 8; stones gravel sand 25. Water from 21 to 25.
GCT " 41	H. Shannon	C. & H. Kerr	Dec. 12, 1963	5	15	60	33	"	D	Stony clay 43; clay boulders 60; hardpan 70; coarse sand 73. Water from 70 to 73.
GCT " 45	L. Heller	R.I. McLaughlin	Oct. 30, 1961	5	18	88	75	"	D	Topsoil 1; sand 30; clay 45; hardpan 81; clay 115; hardpan 177; blue shale 198. Water from 180 to 198.
GCT " 45	L. Goodwin	HadcoWellDigging	Nov. 28, 1962	30	3	29	21	"	D	Topsoil 1; brown clay 11; brown sand 29. Water at 21.
GCT " 47	A. Weber	J. Sauder	May 4, 1961	5	15	41	41	"	D,S	Topsoil 3; brown clay stones 47; yellow clay stones 64; yellow sand 66; cemented sand 67; blue clay 74; fine black sand 76; cemented sand 86; blue clay 92; yellow sand 94; hardpan 145; shale 155; brown blue rock 168. Water from 158 to 168.
GCT " 47	H. Sauder	R.I. McLaughlin	May 2, 1963	5	20	63½	48	"	D,S	Topsoil 2; gravel 6; clay hardpan 59; coarse sand 103; hardpan streaks sand 118; hardpan 174; hardpan gravel 197; gravel 198. Water at 197.
GCT " 48	M. Frey	G.L. Davidson	Oct. 23, 1961	4	10	106	66	"	D,S	Clay 30; hardpan 90; sand 103; gravelly sand 142; hardpan 170; sand 212; blue shale 225; brown rock 238. Water at 238.
GCT " 49	I. Kraemer	HadcoWellDigging	Apr. 8, 1963	30	5	12	8	"	D,S	Topsoil 1; brown clay rocks 10; gravel 18. Water at 11.
GCT " 59	G.S. Martin	"	Jul. 26, 1961	30	5	23	15	"	D	Topsoil 1; brown clay 2; sand 9; gravel 16; blue clay boulders 23. Water from 9 to 16.
GCT " 64	B. Bauman	G.L. Davidson	Jan. 30, 1960	4	10	110	95	"	D,S	Topsoil 1; stony yellow clay 22; brown clay 63; sand 68; silty blue clay 80; blue shale 142. Water at 142.
GCT " 70	M. Martin	N. McClean	Nov. 30, 1962	4	4	25	18	"	D,S	Topsoil 1; clay small stones 90; sand 90; light blue rock 100. Water at 95.
GCT " 71	V. Graff	"	Aug. 28, 1963	4	10	Flows	Flows	"	U,C	Fill 3; blue clay 40; hardpan 65; sand 77; blue rock 80. Water at 82.
GCT " 72	F. Juop	R.I. McLaughlin	Oct. 23, 1961	5	20	12	10	"	D	Gravel clay 43; hardpan 54; gravel streaks blue clay 63; hardpan 75; blue clay 93; hardpan 95; blue clay 101; hard grey rock 108. Water at 103.

Woolwich GCT	Lot 72	I. Shantz	R.I. McLaughlin	Sep. 3, 1963	7	15	25	19	Fresh	S	Soil 1; gravel 16; clay 50; clay hardpan 56; hardpan 70; blue clay stone 108; rock 108. Water from 104 to 108.
GCT	" 74	M. Winfield	N. McLean	Aug. 21, 1963	4	6	50	18	"	D	Gravel boulders 36; blue clay 68; hardpan 95; sand 115; gravel 122. Water from 114 to 122.
GCT	" 76	E. Weber	HadcoWellDigging	Aug. 5, 1961	30	8	18	10	"	D	Topsoil 1; brown sandy clay 6; brown fine sand 9; coarse brown sand 16; gravel 18; sand 19. Water at 9 and 16.
GCT	" 77	C.B. Martin	G.L. Davidson	Oct. 27, 1962	4	10	50	40	"	D,S	Dug well 16; quicksand 45; sand gravel stones 56; hardpan 77; sand 99; hardpan 102; sand 110; gravel 111. Water at 111.
GCT	" 78	J. Bauman Jr.	HadcoWellDigging	Oct. 18, 1960	30	5	16	16	"	D,S	Topsoil 2; fine sand 24. Water at 16.
GCT	" 81	E. Brubacher	G.L. Davidson	May 4, 1961	4	11	48	34	"	D,S	Clay 4; sand 8; stony hardpan 114; blue shale 152; brown shale 154. Water at 154.
GCT	" 83	C. Beuman	E. McLaughlin & Sons	Dec. 23, 1961	7	25	43	20	"	D,S	Topsoil 1; hardpan 30; gravel sand clay 100; gravel 104. Water at 104.
GCT	" 83	S. Brubacher	R.I. McLaughlin	Oct. 11, 1962	7	15	40	35	"	D,S	Topsoil 3; sand clay 20; gravel 65; clay 80; hardpan 99; gravel 102. Water at 99.
GCT	" 86	W. Koppeser	HadcoWellDigging	May 12, 1962	30	4		18	"	"	Topsoil 2; brown sand clay boulders 18; sand gravel 19; gravel hardpan boulders 45; gravel gravel 37; hardpan boulders 47; gravel rock 50. Dry hole.
GCT	" 86	E. Yanchus	G.L. Davidson	May 25, 1962	4	10	60	51	"	D	Red clay 4; sand 6; gravel 24; hardpan 56; sand 60; brown clay 68; hardpan 83; sand gravel 90. Water at 90.
GCT	" 86	W. Koppeser	R.I. McLaughlin	Mar. 7, 1963	7	15	65	60	"	D	Topsoil 1; blue clay 4; brown clay 76; sand 79; brown clay 89; sand gravel 100; gravel 101. Water at 100.
GCT	" 90	Ont. Hydro Comm.	E. McLaughlin & Sons	Jul. 13, 1961	7	25	70	58	"	P	Hardpan 42; clay 66; hardpan 93; sand gravel 101; gravel 105. Water from 101 to 105.
GCT	" 90	G. Young	D.S. Loughesed	Nov. 7, 1962	10	150	43	12	"	In	Topsoil 1; clay gravel 37; gravel clay 45; clay 94; broken rock 100; limestone 360. Water from 305 to 315.
GCT	" 94	G. Jackson	G.L. Davidson	Jun. 6, 1962	4	7	33	9	"	D,S	Dug well 15; blue clay 6; sand 77; hardpan 175; sand 195; red clay 222; shale 233. Water at 233.
GCT	" 95	C. Miller	HadcoWellDigging	Jul. 29, 1960	30	8	32	20	"	D	Topsoil 3; brown clay 12; sand 21; fine gravel 23; sand 40. Water at 21.
GCT	" 95	O. Martin	G.L. Davidson	Aug. 29, 1962	4	15	53	40	"	D,S	Clay 25; quicksand 85; hardpan 180; shale rock 186; brown rock 203. Water at 203.
GCT	" 100	L. Bolender	J. Sauder	Mar. 23, 1961	5	15	14	11½	"	D,S	Open dug well 34; sandy clay 54; silty blue clay 83; sand 84; hardpan 107; sand 109; medium gravel 110. Water from 107 to 110.
GCT	" 100	L. Staalbaum	HadcoWellDigging	Jul. 13, 1963	30	3	30	20	"	D	Topsoil 1; stony brown clay 30; sand gravel 35; gravel 40. Water at 30.
GCT	" 100	A. Metzger	G.L. Davidson	Oct. 22, 1963	4	14	24	18	"	D,S	Clay 20; sandy gravel 50; hardpan 60; sand 77; hardpan 172; hardpan gravel 178; brown rock 181. Water at 181.
GCT	" 103	EldaleValley Golf Club Ltd.	HadcoWellDigging	Sep. 9, 1963	27½	30	24	4	"	P	Topsoil 1; brown clay 4; brown sand 5; gravel 15; blue clay rocks 30. Water at 5.
GCT	" 104	I. Bauman	J.C. Shantz	Sep. 11, 1963	5	15	74	69	"	D	Previously drilled well 116; sand gravel 134. Water from 116 to 134.
GCT	" 110	Lifelyner	HadcoWellDigging	Sep. 11, 1963	30	2	34	26	"	P	Topsoil 1; hardpan 14; gravel clay 18; brown sand 18. Water at 26.
GCT	" 112	E.S. Gingrich	G.L. Davidson	Sep. 13, 1962	4	12	75	64	"	D,S	Clay sand 29; sand soft clay 70; hardpan 165; blue shale 179; brown soft rock 187; blue hard rock 206; white hard limestone 207. Water at 207.
GCT	" 113	B & M. Live-stock & Transport Ltd.	J. Sauder	Mar. 21, 1960	7	14	111	110	Sulphur	In	Blue clay stones 40; soft blue clay 44; hardpan 81; blue clay 102; yellow sandy clay 108; blue clay stones 171; streak yellow sand 173; blue clay stones 225; hardpan 280; brown shale 299; rock 299½. Water at 171 and 299.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY - cont.										
Woolwich Twp. - cont. GCT	Ont. Dept. of Highways	C.G. Goodberry Well Drilling Ltd	Mar. 20, 1961	6	15	112	64	Fresh	P	Clay 34; quicksand 41; hardpan 201; gravel 208½. Water at 204 and 208½.
GCT	E.S. Bauman	C.L. Davidson	Jul. 31, 1962	4	10	40	21	"	D.S	Dug well 40; sand 47; blue clay 68; sand silt 140; hardpan 192; red shale 213; blue rock 236; brown rock 239. Water from 236 to 239.
GCT	A. Weber	"	Jun. 3, 1960	4	7	36	30	"	S	Topsoil 1; sandy gravel 35; herbican sand stones 105; hardpan 125; shale 132; brown limestone 169. Water at 169.
GCT	K. Meitzner	E. McLaughlin & Sons	Mar. 16, 1960	6	9	81	21	"	D	Topsoil 1; sand clay 10; clay herbican 35; herbican 80; sand 83; gravel 84. Water at 84.
GCT	J. Moyer	R.I. McLaughlin	May 16, 1961	5	18	36	22	"	D	Topsoil 7; sand 15; clay 25; herbican 50; pebbles sand 62; clay herbican 138; gravel rock 143. Water at 138.
GCT	Gehl Harold	N. McLean	Dec. 20, 1962	4	5	85	18	"	D	Topsoil 1; gravel boulders 28; clay 63; fine gravel 99; coarse gravel 103. Water at 103.
GCT	R. Nikelski	E. McLaughlin & Sons	Jun. 28, 1960	6	25	55	28	"	D.S	Topsoil 1; coarse gravel 28; herbican 75; hardpan gravel 96; gravel 87. Water at 86.
GCT	H. Zeigler	N. McLean	Dec. 14, 1963	4	12	50	39	"	D.S	Gravel sand 45; blue clay 70; herbican 93; sandstone 100. Water at 96.
WELLAND COUNTY										
Bertie Twp.										
LEF Bp	C. Deming	W. Winger & Son	Apr. 30, 1960	5	18	71	6	Fresh	D	Topsoil stones 2; dark flint 21. Water at 19.
LEF Bp	C. Gibson	"	Sep. 21, 1962	5	5	16	14	"	D	Shale 4; dark flint 31. Water at 29.
LEF Bp	T. Vapook	"	Jul. 16, 1963	6	10	14	11	"	D	Topsoil 1; shale 4; dark flint 23. Water at 21.
LEF Bp	B. Coleman	"	Oct. 11, 1963	6	14	11	11	"	D	Stones clay 2; dark flint 27. Water at 25.
LEF Bp	E.J. Felt	"	Oct. 28, 1963	6	7	20	18	"	D	Brown sand 4; shale 8; limestone 24; light flint 50. Water at 48.
LEF Bp	R.S. Buck	R.L. Schooley	Nov. 22, 1961	5	1	66	58	"	P	Sand 66. Water at 68.
LEF Bp	S.S. Burgess	W. Winger & Son	Mar. 19, 1960	5	10	32	31	"	D	Sand 30; blue clay 55; flint 61. Water at 61.
LEF Con I	E. Shisler	"	Nov. 9, 1960	5	5	16	10	"	D	Crushed stone clay 1; brown clay 8; broken rock 10; dark flint 22. Water at 12.
LEF Con I	M. Simons	"	Mar. 12, 1962	6	3	18	3	"	D	Topsoil 1; brown clay 6; dark flint 22. Water at 19.
LEF Con I	B. Brunton	"	Sep. 9, 1963	6	6	23	9	"	D.S	Clay 1; shale 4; dark flint 23; light flint 45. Water at 31.
LEF Con I	C. Amato	"	Jun. 23, 1960	6	8	9	4	Sulphur	D	Topsoil 1; brown clay 16; light flint 30. Water at 28.
LEF Con I	B. Bullock	"	Aug. 16, 1960	6	15	9	4	"	D	Brown clay 12; dark flint 30. Water at 28.
LEF Con I	W. Johnston	"	Sep. 12, 1960	6	18	21	12	"	D	Topsoil 1; brown clay 12; clay pebbles 18; dark flint 48. Water at 46.
LEF Con I	K. Holden	"	Jul. 27, 1963	6	14	80	14	Fresh	D	Topsoil 1; brown clay 34; stones sand 53; light flint 80. Water at 61.
LEF Con I	A. Jackson	L. Hallborg	Mar. 25, 1960	5	5	15	10	Sulphur	D	Clay 19; flint 29. Water at 29.
LEF Con I	B. Taylor	W. Winger & Son	Apr. 22, 1961	5	5	15	15	"	D	Sand gravel 17; dark flint 32. Water at 30.
LEF Con I	R. Ross	R.L. Schooley	Sep. 9, 1961	5	10	12	8	Fresh	D	Clay 8; flint 21. Water at 21.
LEF Con II	E. Ruller	"	Jan. 3, 1962	5	10	15	15	"	D	Grey clay 11; flint 33. Water at 33.
LEF Con II	R. Depowski	W. Winger & Son	Jun. 22, 1962	5	5	22	10	"	D	Topsoil 1; yellow clay 15; limestone 37. Water at 35.
LEF Con II	F. A. Virra	"	Sep. 14, 1962	6	3	22	10	"	D	Topsoil 1; brown clay 7; dark flint 56. Water at 54.
LEF Con II	C. Kellogg	"	May 13, 1963	6	15	3	0	"	D	Sandy clay, 6; loose rock 10; dark flint 26. Water at 24.
LEF Con II	J. Babuski	W. Winger & Son	Jun. 11, 1960	6	10	3	0	"	D	Topsoil 1; brown clay 10; dark flint 23. Water at 23.
LEF Con II	E. Rites	R.L. Schooley	Jun. 17, 1960	5	20	22	12	"	D	Red clay 1; loose rock 10; flint 23. Water at 23.
LEF Con II	E. Clements	W. Winger & Son	Aug. 11, 1960	5	20	22	12	"	D	Topsoil 1; brown clay pebbles 4; dark flint 56; brown rock 31. Water at 29.
LEF Con II	S. Danch	R.L. Schooley	Jun. 26, 1961	5	10	20	10	"	D	Water rock 8; flint 27. Water at 27.
LEF Con II	C. Metz	W. Winger & Son	Jul. 3, 1961	5	10	22	13	Sulphur	D	Topsoil 1; light flint rock 28; brown limestone 35. Water at 33.

LEF	lot	J. Antal	W. Winger & Son	Oct. 19, 1961	6	8	20	7	Fresh	D	Tossall 1 brown clay 3; dark flint 27. Water at 25.
LEF	Con II	B. Stelly	R.L. Schooley	Jun. 8, 1962	6	10	12	12	"	D	Tossall 1 shale 6; light flint 31. Water at 19.
LEF	Con II	B. Bak	"	Jul. 4, 1962	6	10	12	12	"	D	Clay 10; limestone 29. Water at 29.
LEF	Con II	M. Hayes	"	Jul. 7, 1962	6	15	14	4	"	D	Clay 9; limestone 28. Water at 28.
LEF	Con II	E.C. Peuly	"	May 16, 1963	6	15	14	4	"	D	Clay 9; limestone 28. Water at 28.
LEF	Con II	T. Dunn	W. Winger & Son	Aug. 3, 1963	6	7	21	13	Sulphur	D	Stony clay 7; limestone 25. Water at 25.
LEF	Con II	B. Bachmann	R.L. Schooley	Aug. 3, 1963	6	6	15	6	Fresh	D	Clay 8; shale 26. Water at 26.
LEF	Con II	L. Kobrin	W. Winger & Son	Aug. 21, 1963	6	6	12	5	"	D	Stones clay 2; dark flint 30. Water at 26.
LEF	Con II	R. Kalne	"	Mar. 21, 1962	6	4	15	8	"	D	Stones clay 2; limestone 22. Water at 20.
LEF	Con II	M. Hargitonsky	"	Oct. 20, 1962	6	8	15	13	"	D	Sandstone 4; light flint 50. Water at 46.
LEF	Con II	G. Marcus	"	Oct. 22, 1960	6	15	10	19	"	D	Tossall 1 light flint 20. Water at 18.
LEF	Con II	A. Pencake	"	May 11, 1960	6	18	5	4	Sulphur	D	Tossall 1 brown clay 16; blue clay 3; dark rock 30. Water at 28.
LEF	Con II	M. Lough	"	Sep. 27, 1963	6	7	41	39	Fresh	D	Clay stones 7; brown limestone 61. Water at 59.
LEF	Con II	M. Bowen	R.L. Schooley	May 24, 1962	6	15	20	7	"	D	Red clay 2; blue clay 40; gravel 53. Water at 53.
LEF	Con II	P. Tritchew	W. Winger & Son	Apr. 20, 1963	6	10	9	7	"	D	Tossall 1 brown clay 18; brown sand 30; gravel 33; brown rock 39.
LEF	Con II	E. Fretz	L. Hallborg	Jan. 25, 1960	6	5	17	10	Sulphur	D	Clay 13; flint 23. Water at 23.
LEF	Con II	C. Greer	"	Apr. 25, 1960	6	5	17	10	"	D	Clay 18; flint 50. Dry hole.
LEF	Con II	E. Thwaitt	W. Winger & Son	Jul. 10, 1961	6	4	17	8	Fresh	D	Brown clay 15; light flint 10. Water at 18.
LEF	Con III	M. Peak	"	Jul. 19, 1961	6	18	8	7	"	D	Flint 1; brown clay 2; shale 7; dark rock 32. Water at 30.
LEF	Con III	A. Clara	"	Jul. 28, 1961	6	7	40	20	Sulphur	D	Tossall 1 brown clay 2; stones 6; dark flint 45; brown limestone 40. Water at 35 and 29.
LEF	Con III	"	"	Sep. 15, 1961	6	4	21	8	Fresh	D	Clay sand 3; dark flint 30. Water at 29.
LEF	Con III	E.G. Clay	"	Jan. 30, 1960	6	5	14	10	Sulphur	D	Tossall 1 brown clay 2; dark flint 31. Water at 29.
LEF	Con III	J. Lencochia	"	Aug. 26, 1961	6	2	40	10	"	D	Dark flint 2; light shale 2; dark rock 48. Water at 46.
LEF	Con III	M. Anzelone	"	May 21, 1960	6	15	6	5	"	D	Tossall 1 brown clay 5; dark flint 23. Water at 21.
LEF	Con III	R. Castilione	"	Jul. 2, 1960	6	12	9	7	Fresh	D	Tossall 1 brown clay 5; light flint 20. Water at 19.
LEF	Con III	J. Pierronow-Ski	R.L. Schooley	Jul. 17, 1960	6	6	20	19	"	D	Red clay 1; flint rock 25. Water at 25.
LEF	Con III	C. Nicossia	W. Winger & Son	Aug. 21, 1962	6	3	41	9	Sulphur	D	Tossall 1 brown clay 7; dark flint 29; dark limestone 59.
LEF	Con III	A. Haster	R.L. Schooley	Aug. 3, 1960	6	7	20	20	Fresh	D	Water at 20; flint 30. Water at 20.
LEF	Con III	A. Baker	W. Winger & Son	Aug. 1, 1961	6	15	14	10	"	D	Tossall 1 brown clay 4; dark rock 30. Water at 27.
LEF	Con III	L. Brady	L. Hallborg	Jul. 2, 1960	6	5	30	30	"	D	Tossall 1 brown limestone 98. Water at 98.
LEF	Con III	T. Chittenden	W. Winger & Son	Jul. 28, 1960	6	18	48	47	"	D	Tossall 1 brown clay 2; dark flint 12; brown rock 30; blue shale 43; brown rock 70. Water at 68.
LEF	Con III	R. May	R.L. Schooley	Dec. 7, 1960	5	10	50	50	"	D	Clay loam 3; loose rock 0; limestone 62. Water at 62.
LEF	Con III	N. Saff	"	May 19, 1961	5	10	43	43	"	D	Loose rock 7; grey limestone 65. Water from 55 to 65.
LEF	Con III	L. VanNatter	W. Winger & Son	Sep. 25, 1961	6	8	29	23	Sulphur	D	Tossall 2 shale 4; brown rock 32. Water at 35.
LEF	Con III	S. Dolce	"	May 30, 1962	6	3	65	40	Fresh	D	Brown clay stones 1; shale 56; blue shale 100. Water at 55 end 97.
LEF	Con III	H. Few	"	Jul. 31, 1962	6	4	75	40	"	D	Brown clay 2; shale 6; light flint 23; brown rock 69; blue rock 90. Water at 88.
LEF	Con III	I. Ross	"	Jun. 20, 1963	6	10	35	30	"	D	Tossall 1 stones clay 3; shale 1; dark flint 15; dark rock 64. Water at 61.
LEF	Con III	G. Knight	"	Jun. 26, 1963	6	15	41	32	"	D	Tossall 1 brown clay 3; shale 7; brown rock 65; blue rock 80. Water at 75.
LEF	Con III	O. House	"	Oct. 3, 1960	6	20	36	34	"	D	Tossall 1 shale 8; brown limestone 40; blue shale 55. Water at 50.
LEF	Con III	S.S. # 10	"	Feb. 4, 1963	6	16	65	55	"	P	Tossall 1 shale 5; brown rock 80. Water at 76.
LEF	Con III	L. Sherk	"	Oct. 12, 1960	6	4	29	19	"	D	Tossall 1 brown clay 4; brown rock 43; blue shale 52. Water at 50.
LEF	Con III	H. Beam	"	Apr. 16, 1963	6	10	9	6	"	D	Tossall 1 brown clay 18; brown sand 36; gravel 43; brown rock 46. Water at 43.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)	
WELLAND COUNTY - cont.											
Bertie Twp. - cont.											
LEP Con III lot 25	R. Morningstar	W. Winger & Son	May 4, 1960	5	10	7	5	Fresh	D	Tonsoll fibrown clay 9; shale 10; blue rock 23. Water at 21.	
LEP Con III " 28	J.C. Gauthier	R.L. Schooley	Feb. 24, 1960	5	10	64	16	"	D	Clay 6; loose rock 10; flint 45; limestone 40. Water at 20.	
LEP Con III " 33	A. Swazey	"	Jul. 19, 1961	5	10	20	12	Sulphur	F	Clay 10; limestone 28. Water at 28.	
NRF Con I " 9	R.C. Johnson	W. Winger & Son	Aug. 15, 1961	5	12	18	12	Fresh	D	Tonsoll fibrown clay 7; red sand stones 19; gravel 23; blue shale 27. Water at 23.	
NRF Con I " 9	G. Stratton	"	Oct. 16, 1961	6	7	21	12	"	D	Tonsoll fibrown clay 7; red sand stones 20; gravel 26; shale 28. Water at 26.	
NRF Con II " 2	P. Hoffmann	"	Aug. 14, 1961	6	10	14	9	Sulphur	D	Tonsoll fibrown clay 11; dark flint 38. Water at 36.	
NRF Con III " 7	O. Nicks	"	Oct. 1, 1962	6	6	40	40	Fresh	D	Tonsoll fibrown clay 8; brown limestone 26; blue rock 56. Water at 54.	
NRF Con III " 7	P. Sellers	"	Oct. 9, 1962	6	6	48	40	"	D	Tonsoll fibrown clay 8; brown limestone 27; blue rock 63. Water at 60.	
NRF Con V " 1	G. Brittain	"	Jul. 14, 1960	6	15	18	17	"	D	Fill fibrown clay pebbles 10; dark rock 35; brown rock 40. Water at 40.	
NRF Con V " 3	M. Letwin	R.L. Schooley	May. 23, 1960	5	20	8	3	Sulphur	S	Red clay 15; grey limestone 20. Water at 28.	
NRF Con V " 5	R. & G. Amarel	W. Winger & Son	Jun. 7, 1961	6	3	21	8	"	S	Tonsoll fibrown clay 10; dark flint 14; brown rock 40. Water at 18.	
NRF Con VI " 6	W. Metten	"	Nov. 3, 1962	6	7	28	27	"	S	Tonsoll light flint 11; brown limestone 35. Water at 31.	
NRF Con VI " 8	M. Miller	"	Aug. 6, 1960	6	1 1/2	50	12	Fresh	D	Tonsoll fibrown clay 8; brown rock 50. Water at 23.	
NRF Con VII " 4	E. Doornekamp	"	Nov. 1, 1960	6	15	44	35	Sulphur	D	Tonsoll fibrown clay 4; light flint 20; brown limestone 70. Water at 68.	
NRF Con VIII " 9	A. Morningstar	"	Nov. 10, 1962	6	7	29	29	Fresh	S	Stones clay 3; grey limestone 31; brown limestone 42. Water at 40.	
NRF Con XI " 1	H. Darby	R.L. Schooley	Jul. 29, 1961	5	10	22	22	"	D	Loam 2; loose rock 10; limestone 35. Water at 35.	
NRF Con XI " 4	Lime Ridge Farms	W. Winger & Son	Nov. 25, 1961	6	5	21	0	"	S	Tonsoll fibrown clay 16; red clay 49; sand 143; fine gravel 122; coarse gravel 128; blue rock 130. Water at 128.	
NRF Con XII " 1	H. Vanderloo	"	Jul. 30, 1963	6	10	25	23	"	D	Sandy clay 4; shale 20; limestone 35. Water at 35.	
NRF Con XII " 1	R. Beam	W. Winger & Son	Jun. 26, 1963	6	7	11	9	"	D	Tonsoll fired clay 37; gravel 43; dark rock 45. Water at 45.	
NRF Con XII " 1	M.W. Vancosh	"	May 14, 1963	6	10	23	19	"	D	Clay 6; limestone 37. Water at 37.	
NRF Con XIV " 3	L. Marr	R.L. Schooley	Aug. 3, 1963	6	15	12	12	"	D	Clay 6; limestone 37. Water at 37.	
NRF Con XIV " 3	S.S. " 14	W. Winger & Son	Jul. 18, 1962	6	7	50	24	"	P	Tonsoll fibrown clay stones 11; grey rock 65. Water at 62.	
NRF Con XVI " 8	J. Lass	R.L. Schooley	May 2, 1963	6	15	20	20	"	D	Red clay 25; blue clay 45; hardpan 58; gravel 62. Water at 62.	
NRF Con XVI " 14	W. Diamond	W. Winger & Son	Aug. 12, 1963	6	7	23	19	"	D, S	Tonsoll fibrown clay 6; gravel 66; shale 70; blue shale 72. Water at 70.	
Crowland Twp. lot 1	Ford Motor Co.	International Water Supply Ltd	Jun. 22, 1960	5	8	10	7 1/2	Fresh	T 1-60	Tonsoll fired clay streaks grey clay 15; soft grey clay 39; blue clay gravel boulders 50; clay streaks silt 55; silt fine sand 63; soft clay silt 77; clay gravel boulders 80; bedrock water 55.	
BP " 1	"	"	Jun. 24, 1960	5					T 2-60	Tonsoll fired clay streaks grey clay 15; soft grey clay 39; blue clay gravel boulders 50; clay streaks silt 55.	
BP " 1	"	"	Jul. 4, 1960	5					T 3-60	Tonsoll fired clay 9; soft blue clay 40; gravel boulders 44; clay 68; clay streaks silt 53; clay 59; silt fine sand 62; clay 68; silt 70; clay 73; sand fine gravel 71; clay gravel 93; rock. Water at 75.	
BP " 1	"	"	Jul. 8, 1960	5	14	30 1/2	10	Fresh	T 4-60	Tonsoll blue clay red streaks 9; red clay 26; soft blue clay 40; clay gravel boulders 45; red clay 50; clay soft gravel streaks 64; clay gravel boulders 76; gravel 91; clay boulders 93. Water at 75.	
BP " 2	E. Warner	R.L. Schooley	Nov. 16, 1960	6	10	28	28	"	D	Blue clay 49; gravel 62; limestone 67. Water at 67.	

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELL-ND COUNTY - cont.										
Humberstone Twp. - cont.										
Con I	L. Leon	R.L. Schooley	Jul. 23, 1963	6	6	15	8	Fresh	D	Sand gravel 11; flint 20. Water at 20.
Con I	H. Keller	"	Sep. 3, 1963	6	10	15	2	"	D	Sand 4; flint 27. Water at 27.
Con I	H. Gaylord	"	Apr. 16, 1962	6	5	15	6	"	D	Sand 3; flint 25. Water at 25.
Con I	R. Townsend	"	Dec. 1, 1962	6	1	46	6	"	D	Blue clay 14; flint 48. Water at 48.
Con I	R. House	W. Winger & Son	Sep. 23, 1960	6	20	8	5	"	D	Topsoil 15; brown clay 6; dark flint 10; brown limestone 16.
Con I	B. Bertulli	R.L. Schooley	Jul. 11, 1961	5	7	18	6	"	D	Clay 6; limestone 20. Water at 20.
Con I	K. Knoll	"	Jul. 13, 1961	5	3	20	6	"	D	Clay 12; limestone 23. Water at 23.
Con I	E. Charuk	"	Jun. 28, 1962	6	15	4	6	"	D	Clay 12; limestone 22. Water at 22.
Con I	E. Fietz	"	Oct. 10, 1962	6	7	10	10	"	D	Clay 6; limestone 24. Water at 24.
Con I	K. Knoll	"	Mar. 14, 1963	6	10	4	4	Sulphur	D	Clay 14; flint 22. Water at 22.
Con I	H. Beam	"	Jul. 23, 1963	6	2	28	10	Fresh	D	Clay 9; limestone 30. Water at 30.
Con I	F. Doan	"	Feb. 6, 1962	5	10	8	14	"	D	Clay 9; grey limestone 29. Water at 29.
Con I	O. Senlenger	"	Apr. 18, 1963	5	12	14	14	"	D	Brown clay 9; limestone 27. Water at 27.
Con II	L. Gingers	"	May 29, 1962	6	13	30	10	"	D	Red clay 20; brown limestone 40. Water at 40.
Con II	C. Grimes	L. Hallborg	Apr. 9, 1960	6	10	100	21	"	D	Clay 12; limestone 20. Water at 20.
Con II	H. Knoll	R.L. Schooley	Aug. 7, 1962	5	10	10	6	Sulphur	D	Stony clay 2; light flint 38; brown rock 94; blue rock 100.
Con II	J. Dyet	W. Winger & Son	Nov. 2, 1961	5	3	100	21	"	D	Water at 43.
Con II	R. James	R.L. Schooley	Apr. 24, 1962	6	1	50	32	"	D	Loose rock 6; flint 36; limestone 58. Water at 58.
Con II	C. Augustine	"	Oct. 23, 1963	5	1	42	35	Fresh	D	Sandy soil 45; limestone 55. Water at 55.
Con II	J. Schaubel	"	Jun. 19, 1961	5	15	3	3	"	D	Clay loam 2; loose rock 5; limestone 20. Water at 20.
Con II	F. Fodor	"	Mar. 29, 1962	6	10	20	15	"	D	Loose rock 3; limestone 32. Water at 32.
Con II	G. D. Grigorio	F. Merritt	Jan. 8, 1963	6	10	4	4	"	P	Clay pebbles 1; hard flint rock 12. Water at 10.
Con II	R. Bagg	L. Hallborg	Mar. 17, 1960	6	4	16	14	"	D	Loam clay 2; limestone 29. Water at 29.
Con II	J. Grimes	R.L. Schooley	Mar. 17, 1961	5	10	16	16	"	D	Top clay 6; loose rock 8; grey limestone 33. Water from 29 to 33.
Con III	I. Sabs	"	Nov. 7, 1961	5	10	18	12	"	D	Clay 13; grey shale 35. Water at 35.
Con III	R. H. MacOate	"	Jul. 8, 1961	5	7	15	8	"	D	Clay 16; limestone 29. Water at 29.
Con III	L. Fleuch	"	Apr. 4, 1962	5	10	12	4	"	D	Brown clay 12; limestone 27. Water at 27.
Con III	H. Konig	"	Nov. 12, 1963	6	10	37	37	"	D	Shale 23; limestone 47. Water at 47.
Con III	A. Buiter	"	Nov. 10, 1962	6	15	22	22	"	D	Clay 5; shale 30; limestone 62. Water at 62.
Con III	Port Calborne Block Supply	"	Oct. 16, 1963	6	20	9	9	"	In	Blue clay 3; sand 40; gravel 43. Water at 43.
Con IV	E. Gaver	"	Mar. 7, 1962	5	10	30	10	"	D	Red clay 47; sand 20; gravel 22. Water at 22.
Con IV	E. Henry	"	Apr. 5, 1963	5	20	22	14	"	D	Red clay 40; brown 53; limestone 57. Water at 57.
Con IV	R. White	"	Jul. 17, 1961	5	10	18	15	Sulphur	D	Red clay 36; sand gravel 44; limestone 48. Water at 47.
Con IV	D. Neville	"	May 14, 1960	5	10	18	15	"	D	Red clay 24; gravel 31. Water at 31.
Con IV	K. Forester	"	May 20, 1960	5	15	18	15	"	D	Red clay 24; gravel 32. Water at 32.
Con IV	J. Baird	"	Jul. 6, 1960	5	15	15	15	"	D	Red clay 18; blue clay 45; brown limestone 51. Water at 51.
Con IV	R. McIntyre	"	Jul. 20, 1961	5	10	20	20	"	D	Clay 20; limestone 32. Water at 32.
Con IV	H. McIntyre	"	Jul. 9, 1960	5	20	11	11	"	D	Red clay 14; limestone 22. Water at 22.
Con IV	R. DeLine	"	Mar. 29, 1961	5	10	41	41	"	D	Loose rock 7; limestone 53. Water at 53.
Con IV	Adam Constr. Co.	S.W. Merritt	May 15, 1962	5	16	6	3	"	D	Clay 24; boulders 26; shale gravel 28. Water at 28.
Con IV	M. Fares	"	Sep. 18, 1963	6	10	36	36	"	D	Bubble 6; shale 30; limestone 45. Water at 45.
Con IV	G. DeKizio	R.L. Schooley	Jul. 11, 1962	6	15	10	10	Sulphur	D	Red clay 5; blue clay 60; sand 70. Water at 70.
Con V	H. Tessier	M. Desheles	Dec. 1, 1961	1 1/2	5	15	5	"	D	Brown clay 30; boulders clay 3; riprap 88; gravel 70. limestone 92.
Con V	T. Overmeyer	R.L. Schooley	Jun. 2, 1960	5	12	24	24	"	D	Red clay 22; blue clay 65; sand 77; limestone 81. Water at 81.
Con V	"	"	Jun. 2, 1960	5	10	40	35	"	D	Sandy soil 3; blue clay 75; fine gravel 77; limestone 81. Water at 81.

WELLAND COUNTY - cont.

Hubersone Twp. cont. Con V	M. Stevens	R.L. Schooley	Sep. 10, 1960	5	15	18	18	Fresh	D	Blue clay 60; hardpan 74; sandy soil 103; gravel 107. Water at 107. Red clay 25; blue clay 80; gravel 86. Water at 86.
Con V	M. Oserette	"	Jun. 13, 1963	5	15	15	12	"	D	
Niagara Falls City Niagara Falls	H. Montgomery	W.A. Lounsbury & Sons	May 13, 1963	7	2	45	18	Fresh	D	Hard brown clay 42; soft red clay 61; limestone 62. Water at 62.
Niagara Falls	B. Morris	"	Jun. 4, 1963	7	5	30	11	"	D	Hard brown clay 10; soft brown clay 27; limestone 33. Water at 23.
Niagara Falls	Niagara Twp.	International Water Supply Ltd	Sep. 6, 1960	2			Flows	"	T	Black muck 3; gravel 4; blue clay 47; blue soft clay 73; gravel sand boulders clay streaks 83; red clay gravel streaks 95; red shale 98.
Niagara Falls	"	"	Sep. 6, 1960	2			"	"	T	Black muck 4; brown clay gravel 9; blue clay 39; blue clay gravel streaks 44; blue clay 46; blue soft clay 69; gravel sand clay streaks 86; brown soft clay 80; red clay 88; red soft shale 93; red shale 101.
Niagara Falls	"	"	Sep. 12, 1960	2	21	21	10	Fresh	T	Sandy red clay 9; fine sand 36; fine sand fine gravel 67; fine sand and gravel streaks clay 72; hard red shale 79.
Niagara Falls	"	"	Sep. 16, 1960	2			13	"	T	Sandy red clay 11; sand fine gravel 74; sand gravel 80; red hard shale 81.
Niagara Falls	St. Davids Water Work Commission Niagara Twp.	W.A. Lounsbury & Sons	Jun. 1, 1961	10	290	21	6	"	P	Soft sand clay 16; hard gravel stones 42; coarse gravel 46. Water at 46.
Niagara Falls	"	International Water Supply Ltd.	Oct. 27, 1961							Fine sand 4; fine gravel sand 11; red clay stony streaks sand 24; fine gravel sand clay 31; clay gravel sand 42; red clay stony boulders 55; blue clay 64; grey limestone 73.
Niagara Falls	"	"	Nov. 3, 1961	2	30	17	10			Sandy clay 6; coarse sand fine gravel 22; fine gravel sand clay 45; fine gravel sand 57; gravel clay 62; gravel sand 71; limestone 71.
Niagara Falls	"	"	Nov. 3, 1961	2					T 4-61	Lovers clay sand 21; cemented sand 23; layers clay sand 49; fine coarse gravel sand 63; gravel sand clay 69; limestone 69.
Niagara Falls	"	"	Dec. 15, 1961	2			15 1/2	Fresh		Sandy clay 4; fine coarse gravel sand 10; sandy clay stones 33; fine coarse gravel sand 38; cemented gravel 51. Water at 33.
Niagara Falls	"	"	Apr. 24, 1962	10	4	49	11	"		Coarse gravel sand 18; sand fine gravel 8; coarse sand 18; sand gravel clay boulder 28; medium coarse sand boulders conglomerate 32; fine sand 41; medium fine sand 46; coarse gravel sand boulders 51; sand fine gravel small boulders 62; medium coarse sand 71; rock. Water at 10.
Niagara Falls	"	"	Oct. 24, 1961	5						Red stony clay 3; coarse fine gravel 6; fine sand 20; gravel boulders clay 25; light grey limestone 31.
Niagara Falls	"	"	Oct. 26, 1961	5						Sandy clay 2; red stony clay 11; gravel clay boulders 13; fine sand 19; clay 20; fine sand 22; red stony clay 31; shale streaks clay 38; grey limestone 41.
Niagara Falls	"	"	Dec. 19, 1961	2			13	Fresh		Red sandy stony clay 11; fine coarse sand 15; grey stony clay 24; fine coarse gravel sand clay streaks cemented gravel 32; cemented gravel 33; grey limestone 35. Water at 24.
Niagara Falls	Stanford Volunteer Fire Co. P. Senenna	W.A. Lounsbury & Sons	Apr. 13, 1961	7	25	75	20	Sulphur	P	Hard clay sand 41; hardpan 55; red sandstone 61; limestone 70. Water at 78.
Niagara Falls	"	"	Jun. 19, 1961	7	6	70	48	Fresh	D	Red sand 23; hard clay 46; sandy clay 63; red sand 74; hardpan 81; limestone 83. Water at 81.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont. Niagara Falls City - cont.										
Niagara Falls City	R. Nemeroski	F. Merritt	May 31, 1962	6	10	65	60	Fresh	D	Blue clay 30; red sand 79; grey limestone 81. Water at 20.
Niagara Falls	J. Coskedge	W.A. Lounsbury & Sons	Aug. 22, 1962	7	8	55	44	"	D	Hard brown clay 51; hardpan 53; limestone 63. Water at 63.
Niagara Falls	M. Harris	"	Nov. 14, 1960	7	8	34	16	"	D	Soft brown clay 32; gravel 34; limestone. Water at 32.
Niagara Falls	L. Harris	"	Mar. 4, 1962	8	20	55	20	"	P	Hard brown clay 10; soft brown clay 35; soft brown clay stones 40; limestone 57. Water at 55.
Niagara Falls	L. Neal	"	Feb. 13, 1961	7	5	35	18	"	D	Soft brown clay 27; limestone 35. Water at 35.
Niagara Falls	R. Allomare	F. Merritt	Dec. 23, 1963	7	10	35	25	"	D	Blue clay 36; grey limestone 50. Water at 49.
Niagara Falls	Neel-Bacon Farms	W.A. Lounsbury & Sons	May 5, 1960	7	17	20	5	"	D, S	Hard clay 8; blue clay 31; gravel 31; limestone 33. Water at 31.
Niagara Falls	L. Terol	R.L. Schooley	Aug. 27, 1960	6	10	55	28	"	D	Clay 12; sandy soil 55; limestone 68. Water at 68.
Niagara Falls	Thiessen Const. Co.	W.A. Lounsbury & Sons	May 12, 1961	7	5	23	6	"	D	Hard clay 15; stony hardpan 24; limestone 25. Water at 25.
Niagara Falls	K. Rigg	F. Merritt	Jul. 31, 1963	6	10	20	12	"	D	Brown clay 25; grey limestone 27. Water at 27.
Niagara Falls	C.A. Scott	W. Winger & Son	Jun. 2, 1960	6	6	13	2	"	D	Topsoil 1; brown clay 17; blue clay 27; gravel 28; brown limestone 30. Water at 28.
Niagara Falls	Rojsc Const. Co. Ltd	W.A. Lounsbury & Sons	Jun. 23, 1961	7	15	21	5 1/2	"	D	Hard clay 21; stony hardpan 24; limestone 26. Water at 26.
Niagara Falls	L. Grandoni	"	Oct. 7, 1961	7	4	43	17	"	D	Sandy loam 2; hard brown clay 18; blue clay 39; coarse gravel 40; limestone 43. Water at 39.
Niagara Falls	Bright's Mine Limited	"	Apr. 28, 1962	10	130	206	40	Sulphur	In	Hard clay 8; sandy clay 34; horizon 36; fine sand 38; hard limestone 97; soft limestone shale 227; third limestone 237; white sandstone 243; red sandstone 250; red shale 261; red sandstone 272. Water at 97, 250, and 272.
Niagara Falls	A. Walter	F. Merritt	Apr. 8, 1963	6	8	20	15	Fresh	D	Brown clay 23; limestone 20. Water at 20.
Niagara Falls	V. Walter	"	Apr. 10, 1963	6	8	20	18	"	D	Brown clay 16; limestone 20. Water at 20.
Niagara Falls	H. Walter	"	Apr. 6, 1963	6	8	20	16	"	D	Brown clay 16; limestone 20. Water at 20.
Niagara Falls	H.W. Glintz	W.A. Lounsbury & Sons	Jul. 25, 1961	7	2	55	38	Sulphur	D, S	Hard clay 31; stony hardpan 33; limestone 57. Water at 57.
Niagara Falls	D. Trembley	"	Aug. 25, 1961	7	10	50	35	Fresh	D	Hard brown clay 15; blue clay gravel 52; limestone 54. Water at 54.
Niagara Falls	G. Allen	F. Merritt	Sep. 30, 1961	6	10	40	35	"	D	Blue clay 47; grey rock 62. Water at 62.
Niagara Falls	BidenFonell Park	W.A. Lounsbury & Sons	May 16, 1963	7	40	48	37	"	P	Sandy loam 47; soft red clay 30; limestone 51. Water at 51.
Niagara Falls	I. Clenchere	S.W. Merritt	Jun. 19, 1962	6	14	38	37	"	D	Clay 40; boulders gravel 48; Niagara rock 53. Water at 53.
Niagara Falls	J. Neay	W.A. Lounsbury & Sons	Nov. 2, 1963	6 1/2	17	50	19	"	D, S	Hard brown clay 10; soft brown clay 53; small coarse gravel 54; limestone 55. Water at 54.
Niagara Falls	J.W. Adams	"	Mar. 28, 1962	7	75	36	21	"	D, S	Hard brown clay 10; soft blue clay 45; small stone gravel 52; limestone 56. Water at 56.
Niagara Falls	Strategic-udy Metallurgical Ltd.	G.J. Wallis	Aug. 29, 1961	8	24	60	43	"	In	Clay cinder fill 8; reddish brown clay 37; reddish pack sand 63; sand 77; sandy red clay 89; gravelly gravel clay 95; Niagara limestone 150. Water at 108.
Niagara Falls	L. Wilson	W. Winger & Son	Jun. 30, 1960	6	18	8	6	"	D	Topsoil 1; brown clay 16; blue clay 48; sand 57; clay pebbles 69; gravel 72; brown rock 74. Water at 22.
Niagara Falls	Montgomery Bros.	W.A. Lounsbury & Sons	Mar. 22, 1960	7	20	25	12	"	D	Hard clay 9; soft clay 48; sandy clay 62; hard shale 64; limestone 65. Water at 64.
Pelham Twp. Con 1 lot 4	D. Jones	W.A. Lounsbury & Sons	Nov. 9, 1960	7						Hard brown clay 19; limestone 55; white sandstone 60; limestone 62. Dry hole.

Well No.	County	Owner	Date	Depth	Interval	Remarks	Notes
Con I	Palmer	H. Nordquist	Jul. 10, 1961	5	75	45	Sulphur
Con I	Palmer	P. Merritt	Aug. 9, 1962	12	28	15	Fresh
Con I	Palmer	S.W. Merritt	Aug. 9, 1962	12	28	15	Fresh
Con I	Palmer	T. Holdern-y	Nov. 1, 1961	5	28	28	"
Con I	Palmer	K. Grove	May 1, 1961	5	28	28	"
Con I	Palmer	B. Portes	Aug. 9, 1962	6	40	25	"
Con I	Palmer	L. Leve	Jul. 2, 1961	6	40	30	"
Con I	Palmer	H. Smith	Aug. 9, 1962	6	40	45	"
Con III	Palmer	W.L. Field & Son	Jul. 2, 1961	10	50	45	"
Con IV	Palmer	W.A. Lounsbury & Sons	Aug. 9, 1963	7	90	63	"
Con IV	Palmer	P. Merritt	Dec. 14, 1960	6	10	45	"
Con V	Palmer	E.A. Selby	May 24, 1963	8	74	23	"
Con V	Palmer	J. Mathias	Feb. 8, 1960	6	16	35	"
Con V	Palmer	A. Angle	Aug. 2, 1960	6	10	50	"
Con V	Palmer	M. Marshall	Nov. 18, 1961	6	10	80	"
Con V	Palmer	D. Mettler	Nov. 8, 1961	7	20	160	"
Con V	Palmer	D. McCarthy	Nov. 22, 1961	6	30	20	"
Con VI	Palmer	P. Harriach	Oct. 2, 1963	6 1/2	20	110	"
Con VI	Palmer	Crysler Bros.	Nov. 15, 1963	6 1/2	20	140	"
Con VI	Palmer	W.A. Lounsbury & Sons	Apr. 13, 1962	5			"
Con VI	Palmer	International Meter Supply Ltd	Nov. 13, 1961	7	13	55	"
Con VI	Palmer	W.A. Lounsbury & Sons	Apr. 13, 1962	5			"
Con VI	Palmer	International Water Supply Ltd.	Dec. 23, 1961	6	10	70	"
Con VI	Palmer	F. Merritt	Mar. 5, 1961	6	10	10	"
Con VI	Palmer	L. Wannell	Apr. 17, 1962	5			"
Con VII	Palmer	International Water Supply Ltd.	Mar. 16, 1962	8	100	206	"
Con VII	Palmer	"					"

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY Pelham Twp. - cont. Con VII lot 9	Pelham Twp.	International Water Supply Ltd.	Mar. 22, 1962	2	16	20	19	Fresh	T	Topsoil 2; red clay 6; fine sand silt 9; brown clay 12; blue silt 20; blue clay 26; blue clay gravel 37; sand fine gravel clay 41; coarse gravel sand 46; cemented sand gravel 50 sand fine gravel 59; coarse gravel sand 65; red soft clay 77. Water at 50.
Con VII " 9	"	"	Mar. 27, 1962	2			19	"		Topsoil 2; red clay 6; fine sand silt 9; brown clay 12; brown clay 12; blue silt 20; blue clay 26; blue clay gravel 37; sand fine gravel clay 41; coarse gravel sand 46; cemented sand gravel 50 sand fine gravel clay 54; gravel sand boulders str-Red 58; sandy red clay 70.
Con VII " 9	"	"	Apr. 10, 1962	8	126	28	18	"	T	Topsoil 2; sandy red clay gravel 20; blue clay 23; blue red clay gravel 44; sandy clay gravel 47; sand coarse gravel 48; gravel 54; sand gravel 74. Water from 4 to 30.
Con VII " 9	"	"	Apr. 17, 1962					"	T	Topsoil 2; red sandy clay 7; sandy clay red clay 11; blue clay 21; gravel sand 22; sand 31; gravel sand 40; sandy red clay 47; sandy red clay gravel streaks 54; red hard clay 63; red sandy clay 104; red clay sand gravel 105; sand red clay 121; sand red clay streaks 134; sandy red clay 149; blue red clay sandy streaks 21; broken limestone 24.
Con VII " 9	"	"	Apr. 24, 1962	2			33	Fresh	T	Red sandy clay 3; sand gravel 6; red clay 7; sandy red clay gravel streaks 21; brown red clay 38; sand fine gravel 51; blue clay 53; sand gravel 62; boulders sand gravel 65; cemented sand gravel streaks 70; sandy red clay 91; red blue clay sandy streaks 117; blue clay 124; silt 126; sandy red clay 129; blue red clay 134; red blue clay hard gravel streaks 180; limestone Red sandy clay 6; red sandy clay gravel 15; packed red clay gravel 21; silt 43; blue red clay 46; silt clay streaks 130; blue red clay 142; silt clay streaks 153; soft red clay 178; packed sandy red clay 203; broken limestone 206; brown blue limestone 213; blue brown limestone 219; brown limestone 249; blue brown white limestone 254.
Con VIII " 5	"	"	Jan. 11, 1962	8	20	156	77	Fresh	T	Red sandy clay 3; red sandy clay gravel 15; packed red clay gravel 21; silt 43; blue red clay 46; silt clay streaks 130; blue red clay 140; silt clay streak 153; red soft clay 198; packed sandy red clay 203; broken limestone 206; brown blue limestone 213; blue brown limestone 219; brown limestone 249; blue brown white limestone 254. Water at 206.
Con VIII " 5	"	"	Jul. 25, 1963	8	30	334	200	Sulphur	P	Dirty red sand gravel 12; packed red sand gravel 13; soft red sand 142; red sand gravel packed red sand gravel 180; soft dark sand quicksand 295; hard red clay layer stones 300; soft grey sand 330; packed blue clay gravel 348; gravel sand 349; hard blue clay 352; limestone 365. Water at 362.
Con VIII " 7	E.L. Crossely High School	W.L. Field & Son	Mar. 16, 1962	8	100	206	172	"	T	Dirty red sand fine gravel 5; packed red sand gravel streaks sandy clay fine gravel streaks 158; red grey clay 163; boulder 164; blue red clay 186; sandy red clay packed 234; silt soft grey clay 249; red blue soft sandy clay 301; brown grey limestone 323; light brown limestone 344. Water from 202 to 223, 223 to 245; 305 to 320; 323 to 325, 325 to 330, and from 331 to 344.
Con VIII " 9	Pelham Twp.	International Water Supply Ltd.								
Con VIII " 13	A. Devenyi	S. W. Merritt	Aug. 28, 1962	5	10	120	120	Fresh	D, S	Sand quicksand 120; clay sand 160; clay gravel 200; limestone rock 217. Water at 206 and 213.

Well No.	Con	OWRC	Dec. 7, 1961	2	28	D,S	Notes
Con IX	" 7	W. Winton	May 24, 1960	6 1/2	50	85	Fresh
Con X	" 2	G. Lombardi	Nov. 28, 1963	6 1/2	10	90	Sulphur
Con X	" 4	OWRC	Nov. 23, 1961				
Con X	" 6	St. Anne's Separate School	Jun. 15, 1962	7	17	70	Fresh
Con XI	" 4	K. Kray	Jan. 10, 1961	7	20	40	"
Con XI	" 13	H. Vanderkent	Dec. 19, 1960	7	30	58	Sulphur
Con XI	" 14	M. Kolchew	Jul. 11, 1961	7	20	70	Fresh
Con XI	" 18	E. Scheiber	Aug. 1, 1961	6	16	32	"
Con XI	" 19	A. Belds	Dec. 17, 1960	5	16	30	"
Con XII	" 4	L. Severa	Jul. 12, 1960	6	16	25	"
Con XIII	" 3	G. Coverdale	Sep. 8, 1960	5	15	25	"
Con XIV	" 3	W. E. Yungblut	Jul. 23, 1963	7	6	125	Sulphur
Con XIV	" 6	C. J. Mantovani	Dec. 3, 1960	6 1/2	10	40	Fresh
Port Colborne Town		J. Meisner	Apr. 22, 1963	6	15	15	Fresh
Thorold Town		Legion Conservation Club	Jun. 28, 1960	7	3	37	Fresh
Thorold Town		Moyer Sand & Gravel Ltd.	Apr. 19, 1963	7	15	291	Sulphur
Thorold Twp.	lot 21	C. York	Aug. 12, 1960	6 1/2	5	50	Fresh
	" 32	E. A. Jesek	May 18, 1960	6	10	30	"
	" 61	H. Gordon	Jun. 22, 1962	6	10	40	"
	" 78	H. Schmidt	Nov. 9, 1963	7	20	24	"
	" 79	B. Boyd & L. Ross	Mar. 30, 1960	7	20	27	"
	" 79	N. R. Moore	Apr. 7, 1960	7	17	20	"
	" 80	Merrittville Driving Range	Jul. 14, 1963	7	20	30	"

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WELLAND COUNTY - cont. Thorold Twp. - cont.										
" 80	W. Freeman	W.A. Lounsbury & Sons	Jul. 17, 1963	7	8	30	20	Fresh	D	Hard brown clay 8; soft brown clay 27; limestone 33. Water at 33.
" 81	H.G. Harley	"	Apr. 10, 1961	7	8	30	24½	"	D	Soft brown clay 28; gravel 28½; limestone 30. Water at 28½.
" 89	Detroit Motel	"	Mar. 13, 1962	7	2	60		Sulphur	P	Hard clay 21; soft clay 37; hard stony clay 44; limestone 60. Water at 60.
" 93	H. Dougherty	S.W. Merritt	Aug. 2, 1963	6	16	18	15	Fresh	D,S	Grey clay 25; Niagara rock 40. Water from 38 to 40.
" 100	R.L. Schooley	"	Dec. 16, 1960	6	15	28	28	"	S	Blue clay 34; brown limestone 46. Water at 46.
" 107	C. Warner	W.A. Lounsbury & Sons	Jun. 7, 1962	7	85	25	52	"	S	Hard clay 18; soft clay 44; red sand 68; sandy clay 78; limestone 85. Water at 85.
" 107	J.C. Spence	"	May 31, 1963	7	12	80	42	"	D	Hard clay 12; hard red sand 48; sandy clay 67; hardpan 78; limestone 89. Water at 80.
" 107	P. Pagee	"	Aug. 23, 1963	7	7	65	26	"	D	Hard brown clay 10; soft brown clay 25; sandy brown clay 75; limestone 76. Water at 75.
" 108	Dr.A.C. Stone	"	Jun. 6, 1963	7	20	115	58	"	D	Hard clay 18; hard red sand 48; soft clay 92; red sand 107; hardpan 113; limestone 115. Water at 115.
" 108	H. Hughes	P. Merritt	Sep. 13, 1963	6	10	100	70	"	D	Sandy loam 25; red sand 40; red 10-m 70; gravel boulders 107. Water at 100 and 107.
" 109	F. Howell	W.L. Field & Son	Sep. 14, 1960	6½	10	90	50	"	D,S	Brown clay 30; reddish sand 100; gravel 115. Water at 65.
" 110	D. Patterson	R.L. Schooley	Jun. 4, 1963	5	10	45	30	"	"	Sandy clay 40; hardpan 57; limestone 61. Water at 61.
" 111	A.B. Scott	W.L. Field & Son	Oct. 10, 1963	6½	2	40	3	Sulphur	T	Sandy clay 7; limestone 40. Water at 16.
" 113	L.B. Stevens	W.A. Lounsbury & Sons	May 24, 1961	7	17	28½	28½	Fresh	P	Hard clay 30; limestone 37. Water at 37.
" 113	B. Kurcin	"	Sep. 13, 1963	7	10	54	36	Sulphur	P	Hard brown clay 15; soft brown clay 26; hardpan 34; limestone 54. Water at 52.
" 118	N. Hudson	P. Merritt	Aug. 27, 1961	6	10	35	30	Fresh	D	Blue clay 52; grey shale 53. Water at 52.
" 118	L. Turenne	W.A. Lounsbury & Sons	Oct. 6, 1961	7	4	30	8	Sulphur	D	Hard brown clay 15; soft blue clay 33; limestone 47. Water at 47.
" 118	J. Bydoski	S.W. Merritt	Nov. 30, 1962	6	14	45	18	Fresh	D	Clay 16; clay quicksand 43; Niagara rock 66. Water at 52 and 65.
" 120	A. Beaketo	"	Jun. 20, 1962	6	14	22	22	"	D	Clay 40; gravel clay 48; shale 50. Water at 49.
" 122	L. Oyler	W.A. Lounsbury & Sons	May 5, 1961	7	8	65	18	"	D	Hard clay 18; soft clay 33; sandy clay 59; coarse gravel 65.
" 124	G. Collins	W. Packham	Jan. 19, 1960	7	20	25	8	"	D	Grey clay 2; silty grey sandy clay 70; limestone 80. Water at 77.
" 126	W.B. Moore	W.A. Lounsbury & Sons	Nov. 13, 1962	7	17	20	1½	"	D	Hard brown clay 4; blue clay 32; hard brown clay small stones 40; limestone 43. Water at 43.
" 135	V. Bergins	P. Merritt	Aug. 10, 1962	6	10	40	30	"	D	Blue clay 50; grey shale 50. Water at 50.
" 135	G. Newhouse	"	Jul. 10, 1963	6	8	42	42	"	D	Blue clay 44; grey limestone 54. Water at 54.
" 135	A. Bukults	"	Jul. 22, 1963	6	10	30	23	"	D	Brown clay 56; hardpan 56. Water at 56.
" 135	M. Kovacs	W.A. Lounsbury & Sons	Aug. 5, 1960	7	17	57		"	D,S	Hard brown clay 16; blue clay 50; gravel 55; coarse gravel 57. Water at 55.
" 136	J. Kiss	P. Merritt	Jun. 23, 1961	5	10	45	40	"	D	Blue clay 40; red gravel 55; limestone 60. Water at 60.
" 139	H. Austin	S.W. Merritt	Jul. 3, 1963	5	8	55	50	"	D	Brown clay 10; soft clay quicksand 60; pecked sand 67; Niagara rock 75. Water at 75.
" 140	H. Scott	P. Merritt	Aug. 29, 1961	6	10	25	22	"	D	Brown clay 55; blue clay 55; grey limestone 60. Water at 60.
" 153	L.A. Smaltz	S.W. Merritt	Nov. 26, 1962	6	12	48	46	"	D	Clay 18; pecked sand 51; quicksand 68; fine sand 75; quicksand 88; hard sand shale 92; Niagara rock 110. Water at 102 and 110.
" 156	O.A. Hamilton	W.L. Field & Son	Oct. 12, 1963	8	10	20	6	"	D	Sandy clay 6; boulders 10; gravel sand 36. Water from 10 to 36.
" 158	MacMiller, Bloorfield, Powell River	W.A. Lounsbury & Sons	Oct. 16, 1961	7	8	80	19	"	In	Top fill sand stones 31; hard clay 24; red sand 38; soft clay 76; fine red sand 97; hard clay 102; limestone 104. Water at 104.

Welland Township - cont.	Benson	Thorold Twp. - cont.	W. Packham	Sep. 13, 1963	6	25	100	70	Fresh	D	Description
1st 160	Benson	Thorold Twp. - cont.	W. Packham	Sep. 13, 1963	6	25	100	70	Fresh	D	Clay gravel 40; sandy clay 70; muddy red sand 100; clay 140; harden 149; limestone 165. Water at 163.
" 163	J. Bell	"	W.A. Lounsbury & Sons	Jun. 17, 1960	7	20	40	19	"	D, S	Sand 19; sandy clay 47; stones clay 55; coarse gravel 62. Water at 50.
" 165	J. Nelson	"	"	May 23, 1961	7	20	60	51	"	D	Red sand 36; sandy clay 118; red sand 134; hard clay 146; limestone 150. Water at 149.
" 165	W. McQueen	"	W. Packham	Sep. 4, 1961	6	20	60	55	"	D	Clay 30; sandy clay 100; sand 115; gravel 119. Water at 110.
" 165	D. Pitkin	"	"	Oct. 4, 1961	6	20	50	43	"	D	Brown sandy loam 10; clay 90; sandy clay 110; sand 115; gravel 118. Water at 118.
" 165	E. Steloff	"	R.L. Schooley	Sep. 30, 1963	5	20	60	60	"	D	Blue clay 25; sandy clay 90; sand 130; harden 155; sand 171; gravel 175. Water at 175.
" 171	C. Kratz	"	"	Nov. 10, 1960	5	15	50	38	"	D	Sandy soil 20; fine grey sand 110; sandy soil 157; red sand 198; gravel 203; limestone 213. Water at 213.
" 171	A. Bedell	"	W.A. Lounsbury & Sons	Sep. 23, 1960	7	35	52	34	"	S	Sand 48; sandy clay 117; sand 172; sandy clay 106; limestone 197. Water at 196.
" 171	A. Dekker	"	W. Packham	Oct. 7, 1961	6	20	45	37	"	D	Sandy clay 15; clay 90; clay reddish brown gravel 180; sand 184; gravel 185. Water at 185.
" 190	H. Green	"	F. Merritt	Aug. 21, 1961	6	10	30	23	"	D	Brown grey clay 65; quicksand 95; limestone 103. Water at 102.
" 190	W. Lowe	"	"	Jun. 25, 1962	6	10	30	25	"	D	Clay 20; red clay 70; red gravel 92. Water at 92.
" 190	M. Savage	"	"	Jul. 6, 1962	6	10	35	30	"	D	Brown clay 25; red clay 70; red gravel 92; grey limestone 97. Water at 96.
" 190	P. Savage	"	W. Winger & Son	Sep. 1, 1962	6	18	60	30	"	D	Blue clay 30; red clay 84; grey limestone 108. Water at 108.
" 191	A. Russell	"	"	Mar. 3, 1961	5	12	42	24	"	D	Tossol 2; brown clay 17; blue clay 59; sand 83; sand stones 101; dark rock 113. Water at 102.
" 200	H. Venalstine	"	"	Aug. 19, 1960	6	15	24	13	"	D	Tossol 1; brown clay 16; blue clay 36; sand babbles 72; gravel 83; blue rock 85. Water at 83.
" 213	J. Nemeth	"	S.W. Merritt	Jul. 2, 1962	5	15	30	27	"	D	Clay 48; clay sand boulders 96; shale 98; Niagara rock 116. Water at 115.
" 219	D. Vanden Bosch	"	"	Aug. 8, 1962	6	15	22	19	"	D	Brown clay 5; sandy clay quicksand 110; clay gravel 114; Niagara rock 125. Water at 122 and 125.
" 220	C. Mocola	"	W. Packham	May 23, 1962	6	20	29	21	"	D, S	Dug wall 20; soft grey clay 50; red sand 100; sand grey gravel 113; limestone 121. Water at 120.
" 221	J. Flipp	"	W.A. Lounsbury & Sons	Jun. 2, 1960	7	17	40	18	"	D, S	Sandy clay 6; blue clay 50; fine red sand 60; fine brown sand 126; gravel 126; limestone 127. Water at 126.
" 221	G. Redick	"	"	Jun. 22, 1962	7	17	25	19	"	D	Hard clay 16; soft clay 104; hard stony clay 116; soft clay 126; limestone. Water at 126.
Wainfleet Twp.	N. Pakozdy	1st 4	R.L. Schooley	Oct. 7, 1960	5	10	11	11	Fresh	D	Sand 6; clay 17; flint 23. Water at 23.
	A. Gosses	Con	"	Jan. 16, 1961	5	10	12	12	"	D	Clay 10; limestone 24. Water at 12.
	A. Ducharme	Con	"	Jan. 2, 1961	5	7	9	9	"	D	Clay 10; limestone 35. Water at 35.
	W. Fritz	Con	"	Oct. 11, 1961	5	10	11	11	"	D	Clay 15; limestone 25. Water at 25.
	W. Minor	Con	"	Oct. 21, 1961	5	10	10	10	"	D	Clay 14; limestone 23. Water at 23.
	A. Gosses	Con	"	Jun. 12, 1962	6	2	32	12	Fresh	D	Clay 7; limestone 32. Water at 32.
	S. Vi. E	Con	"	Jun. 12, 1962	5	15	12	12	"	D	Blue clay 24; limestone 33. Water at 33.
	A. Gosses	Con	"	Nov. 29, 1963	6	5	25	20	"	D	Sand 12; blue clay 33; limestone 41. Water at 41.
	B. Jumeas	Con	"	Jul. 26, 1960	6	10	23	17	"	D	Clay 9; grey limestone 34. Water at 34.
	S. Francis	Con	"	May 22, 1963	5	7	12	4	"	D	Clay loam 4; loose rock 8; limestone 65. Water at 65.
	H. Brando	Con	"	Jun. 18, 1963	5	5	18	14	Fresh	D	Sandy clay 8; limestone 28. Water at 28.
	C. Gibbs	Con	L. Hallborg	May 11, 1960	5	5	16	12	"	D	Red clay 8; limestone 27. Water at 27.
	C. Hill	Con	F. Merritt	Nov. 4, 1963	6	10	15	15	"	D	Clay shale 10; grey shale 15; flint 27. Water at 26.
		Con	R.L. Schooley	Apr. 30, 1960	5	10	38	38	Fresh	D	Clay 5; loose rock 14; flint 42; limestone 53. Water at 53.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY - cont.										
Wainfleet Twp. - cont.										
Con I	J. Hall	R.L. Schooley	May 6, 1960	5	10	38	38	Fresh	D	Clay 5; loose rock 14; flint 42; limestone 53. Water at 53.
Con I	C. Bender	"	Aug. 13, 1960	6	6	11	11	"	D	Sand 7; coarse gravel 12; flint 23. Water at 23.
Con I	W. Funk	"	Aug. 18, 1960	6	6	11	11	"	D	Sand 7; coarse gravel 12; flint 24. Water at 24.
Con I	H. Karon	"	May 2, 1961	5	15	12	12	"	D	Clay 4; loose rock 8; flint 21. Water at 21.
Con I	H. J. Rask	"	Jun. 3, 1961	5	15	12	12	"	D	Sand gravel 11; flint 26. Water at 26.
Con I	J. Rask	"	Jun. 26, 1962	5	15	11	11	"	D	Clay 3; loose rock 8; flint 24. Water at 24.
Con I	G. Soc	"	Sep. 9, 1963	5	10	22	17	"	D	Loam 5; loose rock 10; flint 32. Water at 32.
Con I	C. Joesch	L. Hallborg	Jul. 2, 1960	5	7	14	10	"	D	Sand 7; flint 30. Water at 30.
Con I	J. Mackay	R.L. Schooley	May 26, 1961	5	15	15	10	"	D	Sandy soil 2; loose rock 7; flint 28. Water at 28.
Con I	E. Muranyi	"	May 30, 1961	5	15	10	10	"	D	Sandy soil 2; loose rock 7; flint 28. Water at 28.
Con I	J. Davison	"	Jun. 8, 1961	5	15	10	10	"	D	Sandy soil 2; loose rock 7; flint 28. Water at 28.
Con I	H. Seitz	"	Oct. 7, 1961	5	4	44	44	"	D	Loose rock 7; limestone 20; flint 95. Water at 95.
Con I	E.S. Muranyi	"	Oct. 20, 1961	5	10	15	10	"	D	Sandy clay 4; loose rock 9; limestone 29. Water at 29.
Con I	C. Minor	"	May 28, 1963	5	10	16	12	"	D	Loose rock 4; flint 27. Water at 27.
Con I	J.W. Nowe	"	Apr. 24, 1961	5	10	26	26	"	D	Loose rock 7; flint 57. Water at 57.
Con I	N. Biederman	"	Jun. 3, 1961	5	5	25	8	"	D	Clay 12; flint 33. Water at 33.
Con I	J. Semby	"	Jul. 27, 1962	6	7	30	12	Sulphur	D	Sand gravel 19; flint 39. Water at 39.
Con I	P. Richter	R.L. Schooley	Feb. 18, 1963	6	4	10	8	"	D	Brown clay 5; flint 29. Water at 28.
Con I	Dr. L.F. Crowley	"	Feb. 4, 1963	6	8	22	16	Sulphur	D	Brown clay 4; flint 80. Water at 80.
Con I	F. Wilson	"	Jun. 26, 1963	6	12	15	8	"	D	Red clay 11; sand gravel 15; flint 36. Water at 36.
Con I	Lakewood Camp	"	Feb. 28, 1961	6	20	46	3	Fresh	P	Red clay 8; flint 32. Water at 32.
Con I	E.R. Second	W.A. Lounsbury & Sons	May 16, 1961	7	4	30	Flows	Sulphur	D	Red clay 20; flint 80; limestone 110. Water at 107.
Con I	I.R. Sharpe	R.L. Schooley	Apr. 28, 1962	5	15	3	3	"	D	Soft clay 35; limestone 38. Water at 38.
Con I	C. Spurrall	L. Hallborg	Jun. 7, 1960	5	6	20	15	Sulphur	D	Red clay 22; blue clay 34; limestone 39. Water at 39.
Con I	M. Williamson	Allard Bros.	Oct. 12, 1960	2	2	10	10	"	D	Clay 9; flint 38. Water at 23.
Con I	K. Augustine	"	Oct. 14, 1960	2	2	8	8	"	D	Grey clay 9; grey shale 27. Water at 27.
Con I	H. Augustine	R.L. Schooley	Oct. 16, 1961	5	1	32	12	"	D	Grey clay 6; grey shale 35. Water at 35.
Con I	A. Anger	"	Mar. 22, 1962	5	1	32	12	"	D	Clay 6; grey limestone 32. Water at 32.
Con I	P.A. Vallon	"	May 3, 1962	6	1	30	12	"	D	Sandy gravel 6; limestone 43. Water at 43.
Con I	A. Damico	"	Jul. 24, 1962	6	8	30	22	"	D	Red clay 6; limestone 40. Water at 40.
Con I	W. Mathieson	"	Aug. 3, 1962	6	3	30	22	"	D	Loose rock 8; limestone 20; flint 45. Water at 45.
Con I	R. Kuipers	"	Oct. 6, 1962	6	1	32	14	"	D	Sand gravel 10; limestone 25; flint 38. Water at 38.
Con I	N.H. Vogele	"	Oct. 13, 1960	6	4	12	12	"	D	Sand gravel 10; limestone 20; flint 40. Water at 40.
Con I	A. Hock	Allard Bros.	Oct. 15, 1960	2	3	9	9	"	D	Grey clay 9; grey shale 29. Water at 29.
Con I	A. Damico	"	Jul. 28, 1962	6	15	10	10	"	D	Grey clay 6; grey shale 31. Water at 28.
Con II	Ont. Dept. of Highways	R.L. Schooley	Sep. 30, 1963	6	4	35	29	Sulphur	P	Clay 9; limestone 29. Water at 29.
Con II	G. Fox	"	Dec. 2, 1960	2	5	19	12	"	D	Clay 5; grey limestone 59. Water at 57.
Con III	A. Purcell	Allard Bros.	Aug. 10, 1963	5	15	15	8	Fresh	D	Grey clay 13; grey shale 148. Water at 145.
Con III	The Bell Telephone Co.	R.L. Schooley	Oct. 22, 1960	5	15	10	10	"	D	Blue clay 55; sand clay 130; sand gravel 136. Water at 136.
Con III	J. Forza	M. Deshaies	Aug. 10, 1961	2	2	15	5	"	D	Blue clay 55; red clay 90; sand 128; gravelly clay 140; gravel 144. Water at 140.
Con IV	P. Sterenberg	"	Oct. 5, 1961	2	5	15	5	Salty	D	Streaks blue red clay 100; hard green 180; hard rock. Water at 100 and 180.
Con IV	H. Loeffen	"	Sep. 8, 1961	2	5	15	8	"	D	Red clay 50; grey vulcanized 125; hard boulders 145; white rock 150. Water at 133.
Con IV	M. Deshaies	"	Oct. 16, 1960	2	2	115	8	"	D	Red clay 75; hard boulders 130; gravel 132. Water at 130.
Con IV	R. Mercher	"	Jul. 15, 1961	1 1/2	5	15	8	"	D	Soft brown clay 45; blue clay 105; gravel 170. Water from 105 to 120.
Con IV	M. Wellenreiter	P. Merritt	Oct. 16, 1962	6	10	60	18	"	D	Reddish grey clay 75; ripon 115; gravel 120. Water at 115.
										Blue clay 30; red clay 125; grey limestone 132. Water at 170.

WELLAND COUNTY - cont.				M. Desheles				S			
Mainfleet Twp. - cont.				J. Glessers							
Con V	" 25	L. Sider	Con V	G.A. Dennis & Sons	Sep. 25, 1961	2	5	15	3	Fresh	S
Con V	" 34	D. Puttman	Con V	Coughell Bros.	Jan. 26, 1961	5	8	18	8	"	S
Con VI	" 13	G. Csuka	Con VI	F. Merritt	Oct. 24, 1963	5 1/2	35	15	10	"	S
Con VI	" 14	L. Kurella	Con VI	"	Aug. 5, 1962	5	12	20	12	Sulphur	D
Con VI	" 41	B. Evers	Con VI	"	Oct. 29, 1962	6	10	20	6	"	D
Con VII	" 32	J. Hessels	Con VII	S.W. Merritt	Dec. 31, 1960	6	10	25	15	Fresh	S
					Dec. 31, 1960	6	16	17	15	"	S
Welland City				M. Desheles							
Welland city		D. Moteck			Nov. 6, 1961	2				Fresh	F
Welland city		Cameron & Rhin Ltd.		N.A. Lounsbury & Sons	Sep. 10, 1962	7	50	16	8		
Willoughby Twp.				S.W. Merritt							
BTP	lot 29	D. Kemy			Sep. 20, 1961	6	8	35	22	Fresh	D
BTP	" 29	S. Kov-th			Sep. 21, 1961	6	10	40	20	"	D
BTP	" 29	D. Kemy			Nov. 30, 1961	6	10	35	16	"	D
BTP	" 29	N.K.K. Const. Co.			Dec. 2, 1961	6	10	30	17	"	D
Con V	" 12	E. Kostuk		W. Winger & Son	Jul. 12, 1963	6	10	43	29	Sulphur	D, S
C Con	" 12	P. VanEsch		S.W. Merritt	Oct. 16, 1961	6	8	40	22	Fresh	D, S
FLEGI	" 17	E. Stewart		N.A. Lounsbury & Sons	Aug. 19, 1963	7	8	40	9	"	D
WELLINGTON COUNTY				Durham Drillers							
Arthur Village		A. Harbottle			Sep. 23, 1963	4	18	75	60	Fresh	D
Arthur Vill.											
Arthur Twp.				WaterWell Drilling							
Con I	lot 4	T. Smith			May 4, 1962	4	8	23	23	Fresh	D, S
Con I	" 5	D. Moore			Nov. 1, 1962	4	10	14	12	"	D, S
Con I	" 21	W. McDonald		Durham Drilling & Enterprises Ltd.	Jul. 6, 1963	4	20	15	8	"	D, S
Con I	" 27	G. Eden		"	Jul. 13, 1963	4	10	50	3?	"	D, S
Con III	" 19	F. Little		"	Aug. 16, 1963	4	20	30	20	"	D, S

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Arthur Twp. - cont. Con III	P. Little	Durham Drillers	Aug. 16, 1963	4	20	30	20	Fresh	D, S	Topsoil clay 10; clay boulders 25; gravel boulders 40; clay sand fine gravel 65; sand gravel 100; brown rock 120; grey rock 135. Water at 120 and 135.
Con III	"	"	Dec. 20, 1963	4	10	40	Flows	"	D, S	Open hole 20; brown clay 70; sand gravel 85; brown clay 144; coarse sand gravel 150. Water from 145 to 150.
Con IV	"	R.H. Gadke	Dec. 28, 1961	4	8	25	20	"	D, S	Ground stone 16; sand 35; hardpan 80; gravel 105; brown limestone 115; blue shale 200; grey limestone 284. Water at 282.
Con IV	"	J. Sauder	Oct. 14, 1960	5	27		Flows	"	D, S	Topsoil 4; blue clay 23; sandy brown clay 60; marsh silt 75; blue clay 105; stones clay 147; cemented sand 151; blue clay 162; coarse sand gravel 163. Water at 162.
Con V	"	Durham Drillers	Jan. 31, 1963	4	20	20	"	"	D, S	Topsoil 21; clay 75; clay gravel 100; sand gravel 154. Water at 100, 110, 125, and 145.
Con V	"	"	Aug. 1, 1963	4	20	35	15	"	D, S	Topsoil 4; soft grey clay 50; soft stony clay 100; sand gravel 120; hard grey clay 130; grey sand 143; grey rock 155. Water at 130 and 150.
Con VI	"	R.H. Gadke	Dec. 17, 1963	5	10	60	60	"	D, S	Gravel hardpan 40; boulders 45; blue clay 130; brown limestone 180. Water at 180.
Con VI	"	WaterWell Drilling	Feb. 5, 1962	4	8	25	24	"	D, S	Sand 5; clay 35; hardpan 48; clay 55; gravel 65; brown limestone 90; blue shale 200; brown grey limestone 220. Water at 220.
Con VI	"	Durham Drillers	Dec. 8, 1962	4	20	20	12	"	D, S	Clay boulders 40; grey clay 100; stony clay 110; gravel 130; sand 140; fine gravel 150; coarse gravel 158. Water at 155.
Con VII	"	"	Apr. 30, 1962	4	20	70	60	"	D, S	Open hole 30; brown clay 100; grey stony clay 135; soft grey clay 155; stony grey clay 175; blue shale 187; hard black rock 213. Water at 200.
Con VII	"	"	Aug. 24, 1963	4	20	50	40	"	D, S	Topsoil 4; gravel boulders 30; soft grey clay 100; stony grey clay 140; sand gravel 145; soft blue clay 160; blue shale 175; brown shale 186. Water from 175 to 186.
Con VIII	"	WaterWell Drilling	Nov. 6, 1962	4	8	40	40	"	D, S	Dug well 20; sand gravel 204; brown limestone 213. Water at 213.
Con VIII	"	"	Feb. 13, 1963	4	8	60	60	"	D, S	Clay 10; gravel boulders clay 80; sand boulders 129; grey brown limestone 168; blue shale 230. Water at 228.
Con VIII	"	Durham Drillers	Jun. 30, 1962	4	18	40	30	"	D, S	Open hole 20; stony clay 40; sand 50; blue clay 70; blue shale 115; brown rock 135. Water from 115 to 130.
Con VIII	"	WaterWell Drilling	Jan. 7, 1963	4	8	22	20	"	D, S	Topsoil gravel 12; hardpan 66; clay gravel 112; blue shale 150. Water at 150.
Con IX	"	Durham Drillers	Jun. 5, 1962	4	16	41	27	"	D, S	Open well 37; grey clay 50; grey stony clay 65; brown clay 75; brown rock. Water at 70.
Con IX	"	"	May 25, 1961	4	10	50	42	"	D, C	Topsoil 1; grey clay 60; fine sand 127; soft rock 163. Water at 160.
Con X	"	R.H. Gadke	Oct. 27, 1961	4	8	54	54	"	D, S	Clay 10; sand gravel 50; clay 115; blue sand 138; brown limestone 146. Water at 145.
Con XI	"	E.A. Kesso	May 30, 1963	4	5 1/2	170	165	"	D, S	Grey brown clay 31; boulders hardpan 202; blue shale 203; blue limestone 205. Water from 203 to 205.
Con XI	"	Durham Drillers	Nov. 16, 1963	4	12	55	34	"	D, S	Open hole 5; clay 25; sand 100; gravel 105; sand 155; gravel 130; sand 138; grey rock 140. Water at 139.
Con XII	"	"	Jun. 15, 1961	4	10	35	27	"	D, S	Hardpan 30; clay limestone 145. Water at 131.
Con XII	"	G.L. Davidson	Jan. 12, 1960	4	15	89	78	"	D, S	Sand 10; grey limestone 145. Water at 131.
Con XII	"	E.A. Kesso	Oct. 19, 1962	4	13	43	41	"	D, S	Dug well 5; sand 18; hardpan 48; shale 126. Water at 126.
OSRE	"	R.H. Gadke	Sep. 15, 1961	4	8	28	28	"	D, S	Clay gravel 31; clay sand 62; blue shale 128; blue limestone 137. Water at 137.

WELLINGTON COUNTY - cont.

Arthur Twp. - lot 6 OSBE	cont. Morrison Estate W. White	WaterWellDrilling R.H. Gadke	Jan. 20, 1962 Nov. 1, 1961	4 4	8 8	24 60	24 60	Fresh "	D, S "	Stone boulders 60th rd down 75; gravel 85; brown limestone 100; blue shale 120. Water at 120. Clay 15; hardpan boulders 90; blue brown shale 137; brown blue limestone 161. Water at 160. Boulders 20; blue clay 50; grey stony clay 100; brown sandy clay 135; sand 140; brown clay 180; grey stony clay 204; hard stony rock 244. Water at 230. Soft grey clay 135; sandy clay 155; brown rock 161. Water at 160. Dug well 7; horizon 22; clay 105; marl 128; hardpan 135; coarse sand 144. Water at 144. Topsail 4; boulders clay gravel 35; gravel clay 50; gravel sand clay 65; fine gravel sand 75; fine gravel 80; dark shale 100; brown shale 124; grey rock 140. Water at 125. Topsail 1; clay sand and 48; sandy gravel 76; hardpan gravel 109; brown shale 121; blue brown rock 129. Water at 139. Dug well 32; gravel sand 70; hardpan 85; sand 115; gravel sand 145; blue rock 177. Water at 177. Dug well 23; clay 35; hardpan 50; gravel 86; loose blue rock 115; blue shale 120; blue brown limestone 128. Water at 128. Open hole 28; clay boulders 75; sand clay 100; brown limestone 142. Water from 128 to 140. Topsail 2; light brown clay, stones 26; soft blue clay 86; stony blue clay 100; brown sand 101; blue clay 121; brown clay stones 170; red clay 188; shale 273; solid brown rock 268; light brown rock 270. Water at 268. Boulders 20; grey clay 40; brown clay 60; grey stony clay 100; brown sandy clay 135; coarse sand 145; fine sand 160; blue clay 165; blue shale 170; brown rock 173. Water at 170. Clay 8; sand 24; clay 58; hardpan 95; sand 105; stony hardpan 196 grey rock 222. Water at 222. Open hole 52; clay stones 62; blue clay 104; sandy clay 130; silty clay 144; hardpan 180; coarse sandy clay 189; brown limestone 190. Water at 190. Topsail 1; brown clay 7; gravel 19. Water from 9 to 19. Topsail 2; clay 105; clay boulders 125; sand 132; gravel 140. Water at 140.
OSBE	"	"	May 7, 1962	4	20	20	13	Fresh	D, S	
OSBE	"	G.L. Davidson	Apr. 19, 1962	4	15	32	15	"	D, S	
OSBW	"	B. Brady	Jul. 26, 1963	4	12	35	20	"	D, S	
OSBW	"	G.L. Davidson	Jan. 11, 1963	4	10	45	42	"	D, S	
OSBW	"	"	Mar. 1, 1960	4	15	55	37	"	D, S	
OSBW	"	R.H. Gadke	Nov. 22, 1961	4	8	28	28	"	D, S	
OSBW	"	Durham Drillers	Feb. 7, 1963	4	12	45	42	"	D, S	
OSBW	"	Sauder Well Drilling	Jul. 3, 1961	5	15	46	46	"	P	
OSBW	"	Durham Drillers	Apr. 11, 1962	4	20	45	33	"	D	
OSBW	"	G.L. Davidson	May 18, 1962	4	10	50	34	"	D, S	
OSBW	"	J. Sauder	Nov. 30, 1960	5	18	35	18	"	D, S	
OSBW	"	Hedco Well Digging	Jun. 21, 1961	30	4	19	14	"	D	
OSBW	"	Durham Drillers	Jul. 12, 1962	5	25	Flows	Flows	"	P	
Drayton Village Drayton Village	H. Wiminhoe	Durham Drillers	May 27, 1960	4	10	5	5	Fresh	D	Topsail 2; brown clay 6; grey clay 78; hardpan 90; clay stones 115; sand gravel 129; gravel 138; blue shale 141; gravel 142; blue shale 145; brown limestone 159. Water from 146 to 156. Topsail 1; brown clay stones 10; grey hardpan 90; fine sand 98; grey hardpan 145; medium fine sand 150; grey hardpan 189; coarse sand gravel 197. Water at 197. Topsail 3; sand gravel 42; hardpan stones clay 138; sand hardpan 198; brown shale 208. Water at 208. Clay 17; sand 29; hardpan 60; sandy gravel 120; hardpan 130; shale 150; brown rock 154. Water at 154. Rough gravel 19; hardpan 40; sand 64; hardpan 92; gravel sand 125; brown limestone 146. Water at 146.
Dravton Village	Wellington County Shop	J.L. Graham	Oct. 7, 1960	5	10	20	30	"	P	
Drayton Village	Drayton Public School	G.L. Davidson	May 24, 1961	4	20	46	26	"	P	
Drayton Village	F. Kells	"	Sep. 21, 1961	4	12	65	60	"	D	
Drayton Village	W. Flewelling	"	Oct. 3, 1961	4	20	Flows	Flows	"	D	

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APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY -cont. Drayton Village -cont. Drayton Village	R. Bronson	G.L. Davidson	Oct. 2, 1962	4	12	70	53	Fresh	D	Sand 20; clay 60; sand 105; hardpan sand stones 161; shale 169; brown rock 172. Water at 172.
Drayton Village	T. McClanahan	Durham Drillers	Nov. 3, 1962	4	15	5	4	"	D	Topsoil 4; clay 100; clay boulders 120; blue shale 135; brown limestone 150. Water from 140 to 150.
Drayton Village	L.C. McIntosh	E.A. Keeso	Dec. 7, 1962	4	18	64	63	"	D, S	Dug well 44; hardpan boulders 62; sandy clay gravel 115; sandy clay 125; sand 194; brown limestone 203; blue limestone 235. Water at 225 and 235.
Drayton Village	R. Schluter	G.L. Davidson	Feb. 22, 1963	4	12	65	59	"	D	Gravel 20; hardpan 55; sand 60 stony hard clay 120; hardpan 190; brown shale 199; brown hard rock 238. Water at 238.
Elora Village	H. Neuman & H. Packull	C. Hill	Dec. 9, 1960	4	10	60	35	Fresh	D	Clay stone 67; grey limestone 140; white limestone 170. Water at 170.
Elora Village	K. Howlett	"	Jan. 24, 1961	4	5	80	27	"	D, S	Dug well 26; gravel large stones 41; grey limestone 185. Water at 185.
Elora Village	County of Wellington	J. Qudney	Jan. 2, 1963	4	10	15	"	"	D	Clay 8; white limestone 80. Water at 78.
Elora Twp.	G. Miller	G. Hill	Dec. 24, 1962	4	20	13	13	Fresh	D	Shale 48; grey limestone 88. Water at 88.
Con I	A. Borgeese	J.L. Graham	Aug. 28, 1962	5	10	60	20	"	D	Topsoil 17; brown clay sand 71; brown rock 32; dark brown rock 75. Water at 75.
Con I	B. Durfield	J. Qudney	Dec. 19, 1962	4	7	80	78	"	D	Sand 8; soft limestone 15; hard black rock 85; soft grey limestone 100. Water at 100.
Con I	B. Veldhuis	C. Hill	Oct. 11, 1963	4	5	80	60	"	D	Clay 70; gravel 9; grey limestone 130; hard brown rock 146. Water at 146.
Con I	C. Michelown	"	Jul. 17, 1962	4	10	80	32	"	D	Clay gravel streaks 90; hard brown rock 115. Water at 115.
Con I	R. Pettitt	"	Apr. 2, 1963	4	4	85	28	"	D	Clay boulders 80; gravel sand 91; brown limestone 116. Water at 118.
Con I	P. Stefanovich	"	Feb. 3, 1962	4	10	65	25	"	D, S	Dug well 31; brown clay 72; light brown limestone 125. Water at 125.
Con I	E. Wheeler	J. Qudney & Son	Apr. 13, 1960	4	12	20	10	"	D	Gravel 35; cemented gravel 42; grey limestone 90. Water at 90.
Con I	J. Vanderhoft	J.L. Graham	Oct. 20, 1961	5	7	70	40	"	D	Old dug well 4; clay boulders hardpan 64; light grey stone 128; dark grey stone 167; dark brown stone 177. Water at 175.
Con I	A.J. Sampson	"	Oct. 15, 1962	4	10	50	30	"	D	Dug well 17; brown clay stones 30; grey clay gravel 72; white rock 90; brown rock 107. Water at 107.
Con I	I.D. Cameron	E. McLaughlin & Sons	Jul. 6, 1961	6 1/2	25	60	36	"	D, S	Topsoil 1; clay sand subsoil 3; nit run gravel 18; blue clay 38; hardpan 48; sand gravel layers clay 66; hard brown limestone 85. Water from 66 to 85.
Con I	B. Pharoah	J. Qudney & Son	May 13, 1960	4	12	45	35	"	D	Fine sand 30; hardpan stone 70; grey limestone 129. Water at 129.
Con I	A. Wheeler	Ledco Drilling	Sep. 18, 1962	4	10	105	85	"	D, S	Clay rocks 115; limestone layers clay 135; dark grey limestone 145. Water at 143.
Con II	B. Campbell	J.R. Sprowl	Feb. 3, 1960	4	20	5	3	"	D	Black earth fill 4; grey limestone 53. Water at 35 and 48.
Con II	L. Neville	C. Hill	May 5, 1960	4	10	25	22	"	D	Clay 17; shale 40; grey limestone 80. Water at 80.
Con II	L.G. Weston	J.L. Graham	Nov. 27, 1963	4	15	25	22	"	D	Topsoil 2; light brown rock 58. Water at 30 and 58.
Con II	I. Brown	C. Hill	Nov. 26, 1962	4	4	70	30	"	D	Clay 4; shale clay mixed 30; hard dark grey rock 87. Water at 87.
Con II	J. Checkley	"	Dec. 11, 1963	4	10	50	30	"	D	Clay 5; brown limestone 45; hard black rock 59. Water at 59.

Con	Twp.	Lot	Drilling	Date	4	10	38	25	Fresh	D.S.	Description
Con II	Erasmus	10	G. Swanston	Nov. 2, 1963	4	10	38	25	"	D.S.	Brown clay rocks 23; light grey limestone 75; black rock 95; dark grey rock 115; white limestone 135. Water from 130 to 135.
Con II	"	11	G.L. Smith	Oct. 29, 1963	4	10	25	18	"	D.S.	Brown clay rocks 18; light grey limestone 90; black rock 110; dark grey limestone 125; white limestone 150. Water from 125 to 150.
Con II	"	12	S. Stockleberg	Feb. 24, 1961	4	10	58	45	"	D.S.	Dug well 40; grey clay 68; medium brown limestone 85; dark brown limestone 106. Water at 106.
Con II	"	12	A. Woods	Nov. 2, 1962	4	10	33	30	"	D.S.	Clay rocks 52; gravel sand 57; rocks 66; clay rocks 72; brown limestone 90. Water at 98.
Con II	"	12	G. Summerville	Apr. 10, 1963	4	12	44	10	"	D	Sand 10; gravel 66; brown limestone 97. Water at 97.
Con II	"	13	S. Skeritt	May 31, 1960	4	10	37	37	"	D	Topsoil 1; gravel stones 12; brown hardpan gravel 27; grey clay sand 65; light brown limestone 110. Water from 90 to 110.
Con II	"	13	A. Southwell	Aug. 27, 1960	4	15	40	12	"	D	Sand 20; gravel 60; light brown limestone 92. Water at 92.
Con II	"	13	W.L. Hartung	Jan. 24, 1961	4	10	40	37	"	D	Cemented pit 7; gravel brown clay 35; grey gravel clay 73; light brown rock 110. Water at 110.
Con II	"	14	R. Gross	Apr. 30, 1960	4	10	50	25	"	D	Clay 6; quicksand 15; gravel 79; grey limestone 109. Water at 109.
Con II	"	14	S. Keegan	Oct. 28, 1960	4	4	70	25	"	D	Clay 35; gravel 64; light brown limestone 105. Water at 105.
Con II	"	20	A. Ouliver	Oct. 18, 1963	4	4	85	28	"	D	Clay 50; gravel 53; grey limestone 99. Water at 99.
Con II	"	27	W. Thring	Sep. 16, 1962	4	9	36	34	"	D.S.	Clay rocks gravel sand 24; brown clay rocks 48; gravel rocks 53; grey limestone 140. Water at 138.
Con II	"	27	C. Robinson	Dec. 5, 1963	4	10	60	45	"	D.S.	Brown clay rocks 18; grey clay rocks 50; white limestone 195. Water from 185 to 193.
Con III	"	1	D. McCalpine	Oct. 8, 1963	4	10	26	18	"	D	Brown clay rocks 8; rocks sand gravel 91; white blue limestone 148. Water from 135 to 145.
Con III	"	2	M.W. Wynen	Nov. 27, 1962	4	6	22	22	"	D	Bush earth 1; grey limestone 56. Water at 35 and 54.
Con III	"	5	E.H. Stoltz	Jul. 16, 1962	4	10	10	6	"	D	Topsoil 2; light brown rock 10; light grey rock 50. Water from 35 to 50.
Con III	"	6	P. Oetlander	Dec. 17, 1960	5	15	30	25	"	D.S.	Old drilled well 48; grey limestone 110. Water at 45 and 105.
Con III	"	12	Stone Quorch	Jun. 14, 1962	4	8	40	15	"	D	Topsoil 2; brown clay gravel 19; light brown rock 78; dark brown rock 83. Water at 83.
Con III	"	13	A. Wheeler	Oct. 31, 1962	4	3	75	30	"	D	Clay 35; grey limestone 88. Water at 88.
Con III	"	13	M. Duffield	Oct. 22, 1963	4	8	55	25	"	D	Topsoil 2; brown clay stones 15; grey clay stones 40; light brown rock 98. Water at 73.
Con III	"	14	P. Schinck	Oct. 5, 1962	4	10	30	18	"	D	Dug well 18; gravel 22; light brown limestone 88. Water at 88.
Con III	"	19	M. Beath	Jul. 12, 1963	4	10	24	24	"	D	Yellow clay 55; grey limestone 93. Water at 93.
Con III	"	20	C.E. Brenton	Sep. 17, 1963	5	10	65	60	"	D.S.	Dug well 40; brown clay sand 63; grey hardpan 116; light brown rock 142. Water from 125 to 143.
Con III	"	22	L. Rahkonen	Jul. 24, 1963	4	19	30	8	"	D	Topsoil 1; brown clay stones 4; broken rock light brown 15; light brown rock 65; dark brown rock 77. Water at 77.
Con III	"	23	R. Allen	May 9, 1961	4	5	60	44	"	D	Dug well 44; clay 50; grey limestone 168. Water at 168.
Con III	"	23	C.L. Wheeler	May 12, 1961	4	10	40	7	"	D	White limestone 70. Water at 70.
Con III	"	27	C. Thring	Apr. 17, 1961	4	20	40	12	"	D.S.	Sand 25; fine gravel 60; grey limestone 125. Water at 125.
Con III	"	29	D. Freure	Apr. 6, 1962	4	10	40	27	"	D.S.	Gravel 15; hardpan 55; grey limestone 104. Water at 104.
Con IV	"	2	H. Hendrick	May 2, 1960	5				"	D	Coarse gravel boulders 16; fine gravel 26; fine sand 36; coarse gravel boulders 71. Dry hole.
Con IV	"	2	N. Hendrick	Jul. 11, 1960	4	10	60	47	"	D.S.	Loose fill 3; clay small boulders 28; large stones 58; grey small stones limestone 80; grey stone 106. Water from 100 to 106.
Con IV	"	3	C. Cook	Jun. 5, 1962	4	10	60	30	"	D	Clay 11; grey limestone 85. Water at 85.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY-cont. Eramosa Twp. - cont. lot 4	R. Edwards	J.R. Sprowl	Jan. 4, 1962	4	8	18	16	Fresh	D	Topsoil 3; black flint 50; mixture black grey rock 68. Water at 35 and 65.
Con IV	Loren Guild c/o D. C. Calder	"	Jan. 12, 1962	4	7	70	64	"	D	Drilled well 68; limestone 118. Water at 100 and 115.
Con IV	A.E. Crabtree	"	Feb. 23, 1963	4	5	55	50	"	D	Topsoil 3; black flint 55; grey limestone 102. Water at 75 and 99.
Con IV	K. Miller	"	Mar. 2, 1963	5	6	55	50	"	D	Old drilled well 57; grey limestone 117. Water at 100 and 112.
Con IV	F. Weyman	"	Feb. 9, 1963	4	5	50	45	"	D	Topsoil 2; dark grey limestone 50; light grey limestone 90. Water at 54, 75 and 85.
Con IV	K. Murray	C. Hill	Jun. 29, 1960	4	10	30	28	"	D	Clay 3; brown limestone 50; hard blue rock 95. Water at 95.
Con IV	J. Gordier	J.R. Sprowl	Feb. 2, 1961	4	7	70	35	"	D	Topsoil 4; dark rock 50; blue hard limestone 93; light grey limestone 110. Water at 40, 95 and 105.
Con IV	C. Croft	"	Feb. 15, 1961	4	8	70	35	"	D	Topsoil 5; dark rock 50; blue hard limestone 96; light grey limestone 117. Water at 42, 93 and 115.
Con IV	H. Cooper	"	Jan. 26, 1962	4	10	80	70	"	D	Topsoil 6; grey limestone 30; hard blue limestone 100; white limestone 116. Water at 80, 105 and 115.
Con IV	H. Googers	C. Hill	Feb. 21, 1962	4	8	100	70	"	D	Clay loam 6; grey limestone 138. Water at 138.
Con IV	J. Peart	"	Jun. 9, 1962	4	10	60	20	"	D	Gravelly clay 10; bluish grey limestone 75. Water at 75.
Con IV	Rockwood Park Grand Valley Cons Authority	J.L. Graham	Jul. 4, 1963	5	30	96	64	"	P	Topsoil 4; broken limestone 97; light grey limestone 183; grey black limestone 196; blue shale 204. Water from 190 to 199.
Con IV	Rockwood Vig.	"	Sep. 4, 1963	5	10	30	10	"	P	Clay fill stones 4; white limestone 62. Water at 62.
Con IV	Pearl's Hall	"	Oct. 4, 1963	5	15	30	30	"	D	Well sit 4; fill 7; light brown rock 64. Water at 64.
Con IV	Variety Shop J. Sargent	P.M. Dennis	May 2, 1960	7	10	45	15 1/2	"	D	Brown clay 3 1/2; hard grey rock 72 1/2; limestone 75 1/2. Water at 38 and 75.
Con IV	E. Barlow	C. Hill	Jul. 20, 1961	4	6	70	30	"	D	Fill 8; clay 3 1/2; blue grey limestone 86. Water at 86.
Con IV	T. Funk	J.R. Sprowl	May 29, 1962	4	18	25	6	"	D	Topsoil 5; grey limestone 51. Water at 25 and 51.
Con IV	E. Bonner	D.P. Jacobson	Mar. 16, 1960	6	20	22	17	"	D	Topsoil 1; stones sand 12; medium gravel 20; brown clay gravel 27; limestone 42. Water at 40.
Con IV	E.C. Allan	J. Odneay	Jul. 10, 1961	4	5	60	35	"	D,S	Dug well 38; stone clay 70; grey limestone 153. Water at 153.
Con IV	P.O. Jolly	J.L. Graham	Nov. 7, 1961	5	5	95	60	"	D,S	Topsoil 2; brown clay stones 20; grey hardpan 59; light brown rock 165; dark brown rock 200. Water from 115 to 199.
Con IV	J. Dyble	C. Hill	Oct. 24, 1962	4	5	50	23	"	D	Clay 40; cemented gravel 73; grey limestone 128. Water at 128.
Con IV	H. Harper	J.L. Graham	Oct. 7, 1963	4	12	45	30	"	D,S	Dug well 40; grey hardpan 64; light brown rock 121. Water at 121.
Con IV	K. Wietke	J. Odneay	May 22, 1963	4	9	60	18	"	D	Stony gravel 10; sandy clay 63; soft limestone 140. Water at 140.
Con IV	L. Bowles	"	Oct. 12, 1962	4	10	25	17	"	D	Sandy clay stones 40; fine sand 50; grey limestone 123. Water at 123.
Con V	N. Brain	J.R. Sprowl	Aug. 6, 1960	4	4	30	20	"	D	Gravel clay 10; rock clay mixed 70; blue limestone 74. Water at 32.
Con V	A. Root	"	Dec. 12, 1960	4	8	35	27	"	In	Black shale 60; blue limestone 82. Water at 25 and 80.
Con V	H. Bolton	C. Hill	Aug. 24, 1961	4	7	50	4	"	D	Clay 3; grey limestone 58. Water at 58.
Con V	D. Nelson	J.L. Graham	Sep. 12, 1963	5	10	50	30	"	D	Topsoil 1; brown clay stones 9; light brown rock 55; dark grey rock 74; light grey rock 90. Water at 76.
Con V	A.B. Root	C. Hill	Jun. 14, 1960	4	12	50	20	"	D	Clay 4; black shale clay 68; grey rock 119. Water at 119.
Con V	Steg Lubri Corp	J.R. Sprowl	Dec. 29, 1960	4	8	25	21	"	In	Gravel boulders clay 17; black flint 70; grey limestone 78 1/2.
Con V	S. Rowlandson	C. Hill	Jul. 24, 1961	4	10	40	28	"	D	Clay 30; gravel 40; hard grey rock 66. Water at 66.
Con V	M. Heatherson	"	Aug. 23, 1963	4	10	40	18	"	D	Clay 10; gravel 25; shale 40; brown limestone 86. Water at 86.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont										
Erin Twp. - cont.										
Con I	G. Bradford	J.L. Graham	Oct. 10, 1961	5	10	16	12	Fresh	D, S	Dug well 30; grey hardpan 76; grey clay sand 85; dark brown rock 105; water at 105.
Con I	F. Miller	"	Mar. 2, 1963	4	10	100	75	"	D, S	Old dug well 57; hard packed sand 74; clay small stones 107; brown stones 140; brown limestone 168; light brown limestone 209; grey limestone 220; light grey limestone 236. Water at 226.
Con II	G.H. Shields	J.R. Sprowl	Sep. 12, 1963	5	12	17	15	"	D, S	Dug clay stones 22; grey limestone 99. Water at 45 and 95.
Con II	A. Christensen	J. Qudney	Apr. 5, 1963	4	15	22	5	"	D	Gravelly clay 30; sand 40; grey limestone 70. Water at 70.
Con II	G. Jackson	J.L. Graham	Sep. 27, 1962	4	10	80	45	"	D	Dug well 14; gravel 16; brown clay stones 60; grey clay 75; medium brown rock 115. Water at 115.
Con II	A. Singleir	O.H. Gow	Nov. 25, 1960	4	12	50	40	"	D, S	Clay boulders 10; clay 90; cemented gravel 120; limestone 170. Water at 170.
Con II	G. Cooke	J.L. Graham	Feb. 2, 1961	4	6	130	88	"	D	Dug well 25; fine brown sand 35; clay small stones 85; brown sandy clay 120; sandy grey clay 155; fine sand 160; broken rock 180. Water at 220.
Con II	J. VanDerVorst	J. Qudney	Aug. 27, 1962	4	15	30	15	"	D	Stony clay 50; grey limestone 78. Water at 78.
Con II	A. McGee	J.R. Sprowl	Sep. 17, 1960	4	8	45	12	"	D	Clay gravel 75; clay gravel boulders 35; layers rock clay 46; dark limestone 82. Water at 75.
Con II	R. Grundy	Ledco Drilling	Sep. 20, 1963	4	10	18	65	"	D	Brown clay 23; sand 30; grey clay rocks 97; light grey limestone 103. Water from 101 to 103.
Con II	A.B. Clarke	"	Jul. 30, 1963	4	10	45	40	"	D, S	Brown clay 12; grey clay rocks 75; sandstone 92. Water at 88.
Con II	W. Awrey	J. Qudney	Aug. 1, 1962	4	15	30	22	"	D	Clay 60; coarse sand 75; hard black rock 107. Water at 107.
Con II	J. Sharples	C. Hill	Mar. 22, 1961	4	3	60	8	"	D	Dug well 13; clay 64. Water at 64.
Con II	K. Hammond	J.L. Graham	Aug. 26, 1963	5	12	80	75	"	D, S	Tonsol 1; brown clay gravel 28; grey clay 98; brown clay 112; grey clay gravel 119; medium brown limestone 153. Water at 153.
Con III	Ont. Dept. of Transport	"	Dec. 12, 1962	6	10	90	80	"	P	Tonsol 1; brown clay stones gravel 47; brown clay fine sand 54; fine sand 65; brown clay fine sand 83; grey clay 94; brown medium fine sand 108; gravel grey clay 122; dark brown rock 150. Water at 132 and 148.
Con III	B. Thompson	O.H. Gow	Nov. 1, 1960	5	10	57	45	"	D	Clay boulders 50; gravel 95. Water at 85.
Con III	P. Drozde	J.L. Graham	May 26, 1960	4	10	15	15	"	D	Tonsol 2; large stones gravel 5; light brown limestone 50. Water from 40 to 50.
Con III	B. Drozde	"	Jun. 14, 1960	4	4	40	15	"	D	Tonsol 2; gravel stones 12; light brown rock 50. Water from 40 to 50.
Con III	E. Mellish	"	Jun. 19, 1960	4	12	18	16	"	D	Tonsol 1; brown clay gravel 9; brown limestone 50. Water from 40 to 50.
Con III	G.B. Grundy	"	Jan. 16, 1962	5	10	100	60	"	D, S	Clay boulders 40; soft stone clay 84; large boulders clay 90; hard blue clay 95; brown shaly rock 142; dark brown stone 164. Water from 145 to 162.
Con III	A. VanDerHeide	Ledco Drilling	Jun. 14, 1963	4	3	15	1	"	D	Brown clay rocks 8; grey clay rocks 40; sandstone 60; light grey hard limestone 140. Water at 50 and 135.
Con III	C. Beary	"	Feb. 1, 1963	4	10	60	56	"	D, S	Sand clay layers 80; clay rocks 135; grey limestone 190. Water from 186 to 190.
Con III	B. Webber	J.L. Graham	Jun. 11, 1963	5	10	110	76	"	D, S	Old dug well 50; fine sand clay 130; clay stones 152; light brown stone 190; dark grey stone 231; dark brown stone 238. Water at 236.
Con IV	M. Shepherd	J.R. Sprowl	Jun. 18, 1960	4	20	12	8	"	D	Clay gravel mixed 28; blue limestone 54. Water at 39, 48 and 52.
Con IV	E. Lane	Ledco Drilling	Sep. 25, 1962	4	10	35	26	"	D, S	Clay rocks 119; grey limestone 135. Water at 134.
Con V	D. Debour	J.O. Bourke	Mar. 19, 1962	5	10	6	6	"	D	Coarse gravel sand 35; grey limestone 52. Water at 30 and 47.
Con V	D. Woodcock	J.L. Graham	Dec. 18, 1963	5	10	60	28	"	D, S	Old dug well 25; boulders clay 38; stony hardpan 74; hard packed sand 78; brown rock 108; dark rock 109; light brown stone 156. Water at 154.

WELLINGTON COUNTY - cont.

Erin Twp. - cont. Con V	lot 17	P. Marshall	J.L. Graham	Dec. 21, 1960	4	10	65	40	Fresh	D,S	Topsoil 2;stones brown clay 20;grey hardpan 70;grey clay fine sand 150;light brown limestone 169;dark brown limestone 179. Water from 169 to 179. Brown clay rocks 155;grey clay rocks 122;white limestone 125. Water from 123 to 125. Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con V	"	20 P. Muirhead	Ladco Drilling	Dec. 7, 1963	4	10	75	73	"	D,S	Brown clay rocks 155;grey clay rocks 122;white limestone 125. Water from 123 to 125. Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VI	"	4 L. McLean	J.R. Sprowl	Apr. 25, 1963	4	7	45	36	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VI	"	18 K. Graham	J.L. Graham	Sep. 21, 1962	4	10	35	45	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VII	"	1 Ballingfied	J.E. O'Rourke	Jun. 26, 1962	6	10	25	20	"	P	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VII	"	18 Comm. Hall	Ladco Drilling	Feb. 13, 1963	4	10	28	26	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VII	"	19 N. Orr	J.L. Graham	Dec. 19, 1960	4	10	80	60	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VII	"	20 P. Marshall	"	Jan. 4, 1961	4	10	40	14	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VII	"	22 W.R.H. Gear	"	Aug. 9, 1963	5	10	50	25	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	1 H. Shortill	J.R. Sprowl	Jun. 14, 1962	4	20	25	5	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	3 A. McSherry	J.E. O'Rourke	Dec. 5, 1963	6	12	55	17	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	8 R. Maxwell	R. Maxwell	Jun. 26, 1961	5	10	54	22	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	13 Brisbane School	J.E. O'Rourke	Jul. 2, 1961	5	12	8	8	"	P	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	13 " "	"	Feb. 28, 1962	5	10	55	8	"	P	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	16 H. Boyles	J.L. Graham	Aug. 8, 1963	5	10	110	105	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	17 H. Reilly	"	Jan. 16, 1961	4	10	40	28	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	25 R. McPhee	"	May 20, 1960	4	10	24	14	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	25 Twp. of Erin	"	Mar. 1, 1961	5	10	40	20	"	P	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con VIII	"	29 A. McDougal	Ladco Drilling	Jan. 10, 1963	4	8	80	75	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	11 J.C. Turney	J.L. Graham	Jul. 3, 1961	4	10	15	5	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	13 N. Kozlitsky	"	May 14, 1962	5	6	30	6	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	13 Ont. Dept. Of Highways	"	Dec. 20, 1962	7	15	30	9	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	16 Erin Golf Course	Ladco Drilling	Apr. 25, 1963	4	10	55	53	"	P	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	17 P. Rowe	J.E. O'Rourke	Sep. 11, 1961	5	25	32	30	"	D	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.
Con IX	"	23 D. Middlebrook	Ladco Drilling	Nov. 19, 1962	4	10	95	90	"	D,S	Clay gravel boulders 20;blue clay gravel 100;shelly rock clay 112;brown limestone 144. Water at 125 and 140. Topsoil 1;brown clay 14;grey hardpan 65;cemented gravel 90; grey hardpan 194;light brown rock 147;dark brown rock 148. Water at 148. Brown sand 51;limestone 50. Water at 25.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Erin Twp. - cont. Con IX lot 26	K. Reid	J.L. Graham	Apr. 28, 1961	5	10	97	68	Fresh	D, S	Dug well 73; clay boulders 90; clay gravel 110; clay small stones 120; brown shale rock 148; light brown rock 192; dark grey rock 204; light grey rock 206. Water from 180 to 206. Clay 35; sand 55; clay rocks 70; sand 105; clay rocks 154; grey limestone 165. Water at 164.
Con IX	D. McFee	Ladeco Drilling	Aug. 20, 1962	4	8	60	29	"	D, S	Clay 25; sand 80; cement gravel 115; clay rocks 158; grey limestone 195. Water at 194.
Con IX	W. McFee	"	Oct. 5, 1962	4	6	75	50	"	D, S	Red sand 34; brown limestone 26; blue limestone 70; brown limestone 72. Water at 26 and 72.
Con X	K. Kirkwood	J.E.O'Rourke	Nov. 8, 1962	6	7	70	18	"	D	Clay rocks gravel layers 40; light grey limestone 90. Water at 89.
Con X	S.S. # 1	Ladeco Drilling	Sep. 8, 1962	4	6	50	20	"	D	Brown clay 20; brown sand 35; outcrop sand 45; sandy gravel 51; limestone 64. Water at 60.
Con X	B. Appleby	J.E.O'Rourke	Jun. 20, 1963	6	10	20	4	"	D	Brown clay 15; brown sand 25; sandy gravel 60; limestone 65. Water at 65.
Con X	G. Leslie	"	Jun. 12, 1963	6	8	35	8	"	D	Top clay 2; brown clay boulders 50; grey limestone 80. Water from 75 to 80.
Con X	A. Perryman	R.H. Gadke	Feb. 16, 1961	4	5	35	20	"	D	Brown clay rocks 15; sand gravel 26; grey clay rocks sand layers 76; light grey limestone 118. Water from 115 to 117.
Con X	J. Baldwin	Ladeco Drilling	Feb. 15, 1963	4	8	45	33	"	D, S	Light grey limestone 178. Water at 175.
Con X	L. Montgomery	"	Sep. 30, 1963	4	10	58	53	"	D, S	Old dug well 40; fine sand 84; clay sand 147; clay gravel 150; stony Marlston 144; brown limestone 184; dark grey limestone 189. Water from 186 to 190.
Con X	W. McFee	J.L. Graham	Aug. 2, 1962	5	15	80	32	"	D, S	Dug well 73; clay 70; sand gravel 140; clay gravel 160; clay 197; brown limestone 216. Water at 215.
Con X	A. Smith	WaterWell Drilling	Dec. 10, 1962	5	7	80	80	"	D, S	Tonsoll 4; grey limestone 70. Water at 30, 63 and 65.
Con XI	J.R. Gilpin	J.R. Sprowl	May 5, 1962	4	8	15	12	"	D	Tonsoll 2; boulders 30; fine sand 80; gravel 107. Water at 107.
Con XI	A. McPherson	K. McLaure	Aug. 6, 1962	4	3	30	30	"	D	Brown clay boulders 18; sand gravel 60. Water at 42.
Con XI	N. Armstrong	C. McLaure	Sep. 15, 1962	5	4	34	34	"	D, S	At 85, 105 and 110.
Con XI	H. Meek	J.R. Sprowl	Dec. 23, 1961	4	8	45	45	"	D, S	Dug well 45; coarse sand 65; sandy brown clay 89; hard clay boulders 128; gravel stones clay 174; limestone 190. Water from 174 to 190.
Con XI	N. MacLennan	C. Smith	Aug. 7, 1962	4	6	80	65	"	D	Silty clay rocks 25; sand 110; sand rocks 157; rocks 165; brown limestone 176. Water at 174.
Con XI	A. Rowan	Ladeco Drilling	Oct. 25, 1963	4	10	50	45	"	D, S	Stony hardpan 10; grey soft clay 16; stony clay sand 230; fine grey sand 236; dark grey rock 280; light grey rock 312. Water at 310.
Con XI	M.C. Simpson	J.L. Graham	Oct. 30, 1962	5	10	100	74	"	D	
Guelph City	National Standard Co.	J.L. Graham	May 24, 1960	12	140	150	3	Fresh	In	Brown clay boulders 18; brown limestone 75; white limestone 140; light grey stone 210; alternating blue white brown 240; blue white stone 292; blue stone 314; blue shale 316. Water from 100 to 314.
Guelph City	Dr. D.C. Eaglesham	"	Sep. 27, 1960	4	10	105	95	"	D	Tonsoll 2; brown clay stones 40; fine brown sand 50; gravel sand 90; dark brown rock 143. Water at 143.
Guelph City	Paylor Bros.	C. Hall	Jun. 22, 1961	4	5	40	6	"	C	Muck 13; grey limestone 50. Water at 50.
Guelph City	D.E. Hastings	"	Sep. 7, 1961	4	8	100	75	"	D	Clay 40; gravel 50; clay 85; gravel sand 101; grey limestone 135. Water at 135.
Guelph City	City of Guelph	International Water Supply Ltd.	Jul. 8, 1963	10	60	16	14	"	"	Boulders coarse gravel 6; boulders clay gravel 18; coarse gravel 22; blue clay gravel 26; heavy clay 43; sandy clay gravel 22; blue clay gravel 26; heavy clay 43; sandy clay

WELLINGTON COUNTY - cont.

Guelph City Guelph City	J. Holady	J.L. Graham	Sep. 13, 1963	12	240	9	5	Fresh	In	Stony fill 13; black rock 64; dark gray rock 159; dark brown rock 155; blue limestone 190; blue shale 194. Water at 154, 173 and 190.
Guelph Twp. Div. B. Con I Div. B. Con I	lot 2 " 6	D. Manera E. Mitchell	Nov. 22, 1963 Dec. 17, 1963	4 5	6 15	70 70	30 56	Fresh	D D, S	Clay 55; gray limestone 140. Water at 140. Topsoil 1; brown clay gravel 32; gray limestone 58; light brown limestone 85; white limestone 106; brown limestone 132. Water at 132. Old dug well 40; clay stones 117; clay fine sand 192; cemented gravel 134; dark gray stone 180; gray brown stone 196. Water from 180 to 194. Topsoil 1; brown sand gravel boulders 13; blue clay rocks 24. Water at 8. Concrete 1; brown sand gravel boulders 13; blue clay rocks 24. Water at 8. Dug well 26; brown 24; sand gravel 79; sandstone rock 112. Water at 100 to 112. Topsoil 1; sand gravel 14; light brown rock 76. Water at 76. 101; fine sand 2; stony boulders 52; brown dark brown clay 101; brown clay 152. Water at 148. Clay 58; gray limestone 86. Water at 86. Topsoil 1; brown clay gravel 18; gray clay gravel 43; coarse sand 51; fine clay gravel 69; gray rock 84; brown rock 107. Water at 107. Boulders 30; brown 60; boulders clay 98; shale 107; limestone 140. Water at 110. Topsoil 1; brown clay 4; gravel 8; blue clay 16; gravel 17; blue clay 19. Water from 4 to 8 and at 16. Fill 2; gravel boulder 25; brown clay sand 52; yellow clay 74; brown clay stone 83; white rock 122. Water at 120. Gravel 25; gravel clay 95; gray limestone 115. Water at 115. Sand gravel 30; gray limestone 132. Water at 132. Sandy loam 4; clay sand 20; clay stones 29; brown limestone 35; clay 50; fine sand 20; clay 83; dark gray rock 100; white limestone 154. Water at 154. Dug well 8; brown clay gravel 15; gray boulders 37; gravel clay 56; light gray medium soft rock 98; dark gray hard rock 116. Water at 116. Topsoil 1; gravel fine sand 14; light brown limestone 76. Water from 69 to 76. Sand stones 14; white limestone 110. Water at 110. Gravel 73; limestone 137. Water at 30, 69 and 108. Clay boulders 27; gravel clay 38; gravel 50. Water from 38 to 50. Gravel 8; hard black rock 65. Water at 65. Sand 4; dark limestone 64; gray limestone 74. Water at 8, 10, 49 and 64. Topsoil 1; gravel boulders 18; gravel 68; gray limestone 193. Water at 191. Sand 4; clay gravel 47; blue limestone 58. Water at 50. Topsoil 1; clay boulders 11; blue limestone 63. Water at 21 and 56.
Div B. Con I	" 16	A. Anderson	Nov. 7, 1963	5	10	60	32	"	D	
Div B. Con II	" 10	C. Lamont	Oct. 15, 1963	27	2	15	5	"	D, S	
Div B. Con II	" 13	C.A. Lamont	Oct. 14, 1963	27	1	23	12	"	S	
Div B. Con II	" 19	J. Guss	Nov. 11, 1963	4	6	41	40	"	D, S	
Div B. Con III	" 1	H. Ferguson	Mar. 28, 1961	4	10	45	40	"	D	
Div B. Con III	" 2	Suitor Ltd.	Sep. 23, 1963	5	12	60	44	"	In	
Div B. Con III	" 8	M. Weber	Oct. 15, 1963	4	15	35	21	"	D, S	
Div B. Con III	" 10	K.F. Patmore	Dec. 3, 1962	4	15	32	30	"	D	
Div B. Con III	" 12	D.G. Taylor	Oct. 10, 1960	4	15	80	60	"	D	
Div B. Con III	" 16	D.W. Harris	Jul. 17, 1961	30	4	19	6	"	S	
Div B. Con III	" 19	S. Reinhart	Nov. 1, 1963	4	12	35	20	"	D, S	
Div B. Con IV	" 2	G. Westcott	Jun. 28, 1960	4	12	35	25	"	D, S	
Div B. Con IV	" 2	H. Scheide	Oct. 19, 1961	4	5	80	22	"	D	
Div B. Con IV	" 4	F. Frisone	Jun. 24, 1960	4	21	80	20	"	D	
Div B. Con IV	" 8	N.C. Hopkins	Jun. 13, 1961	4	7	80	36	"	D	
Div B. Con IV	" 8	L. Jones	Nov. 2, 1963	4	8	35	28	"	D	
Div E. SWR	" 11	C. Hawks	Dec. 27, 1960	4	8	64	40	"	D	
Div B. SWR	" 12	R. Ortheb	Jul. 5, 1960	4	8	70	33	"	D	
Div C. Con I	" 4	Ont. Reformatory	Feb. 7, 1962	6	33	20	20	Sulphur	P	
Div C. Con I	" 5	"	Apr. 27, 1962	10	108	20	4	Fresh	P	
Div C. Con I	" 6	M. Poole	Nov. 8, 1960	4	6	50	30	"	D	
Div C. Con II	" 3	Ont. Reformatory	Apr. 12, 1962	6	40	13	11	Sulphur	P	
Div C. Con II	" 5	"	Feb. 26, 1962	6				"	N	
Div C. Con II	" 5	"	Mar. 7, 1962	6				"	N	
Div C. Con II	" 5	"	Mar. 16, 1962	6				"	N	

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA - INCH METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont										
Guelph Twp. cont.										
Div C Con II lot 5	Ont. Reformatory	C. Goodberry	Mar. 16, 1962	6				Sulphur	P	Topsoil 1; clay boulders 11; blue limestone 63. Water at 21 and 56.
Div C Con II "	J. Hanneberg	J.L. Graham	Aug. 17, 1960	4	12	55	30	Fresh	D	Gravel broken clay 15; brown hardpan 26; light brown rock 33; dark brown rock 72; black rock 82. Water from 72 to 82.
Div C Con II "	B. Thiessen	"	Mar. 23, 1962	4	7	70	35	"	D	Topsoil 2; brown clay gravel stones 17; brown clay coarse sand 28; gravel sand 31; light brown rock 48; medium dark brown rock 82. Water at 82.
Div C Con II "	J.L. Fyfe	"	Aug. 3, 1961	4	10	22	18	"	D	Fill 3; medium brown rock 35; dark brown rock 60. Water at 52.
Div C Con II "	Harvey's Farm	J.R. Sprowl	Aug. 22, 1962	5	6	22	22	"	S	Sand & mixture clay stones 1; black flint 41. Water at 35, 45 and 56.
Div C Con III "	Durose's Farm	C. Hall	Aug. 21, 1961	4	5	35	6	"	In	Clay 3; shale 13; hard black rock 40. Water at 40.
Div C Con III "	E. Town	"	May 20, 1961	4	10	60	42	"	S	Clay 70; gravel 20; brown rock 115. Water at 115.
Div C Con III "	J. Brese	"	Jan. 4, 1962	4	12	65	39	"	S	Clay 46; sand boulders 50; clay 57; brown limestone 91. Water at 91.
Div C Con III "	S. Dicitico	"	Feb. 2, 1963	4	9	115	110	"	D	Gravelly clay 64; black rock 110; grey rock 120. Water at 120.
Div C Con III "	P. Bridges Jr.	J. Qudney	Jun. 5, 1963	4	4	60	24	"	"	Stony clay 92; brown limestone 155. Water at 155.
Div C Con III "	A. Favaro	C. Hall	Jun. 13, 1963	4	7	140	103	"	D	Clay 81; hard black rock 153. Water at 153.
Div C Con III "	I. Klover	"	Jun. 8, 1960	4	6	70	35	"	D	Clay 59; brown limestone 108. Water at 108.
Div C Con III "	J. Tursa	"	May 8, 1961	4	4	75	12	"	D	Clay 30; gravel 41; hard brown rock 90. Water at 90.
Div C Con III "	N. Fossil	"	May 12, 1961	4	6	50	3	"	D	Clay 25; hard brown rock 58. Water at 58.
Div C Con III "	B. Rencatto	"	Jun. 30, 1961	4	5	70	13	"	D	Clay gravel 34; hard brown rock 80. Water at 80.
Div C Con III "	J. Turca	"	Jul. 31, 1962	4	3	70	17	"	D	Gravelly clay 32; hard dark grey rock 82. Water at 82.
Div C Con III "	M. Baltz	"	Apr. 31, 1962	4	10	100	40	"	D	Gravelly clay 65; hard dark brown rock 112. Water at 112.
Div C Con III "	B. Nisink	"	Apr. 28, 1962	4	10	65	28	"	D	Clay 53; grey limestone 90; hard black rock 100. Water at 100.
Div C Con III "	L. Dodd	J.R. Sprowl	Apr. 5, 1960	4	2	65	18	"	D	Top gravel 5; hard black flint 75. Water at 35 and 70.
Div C Con IV "	W.A. Walkover	J.L. Graham	Dec. 7, 1963	4	8	140	115	"	D	Old dug well 35; clay boulders 60; hard brown limestone 96; stony broken rock 130; dark clay 150; brown limestone 178; dark grey stone 180. Water at 178.
Div C Con IV "	Nicklin-Day Motors	C. Hall	Jan. 17, 1963	4	10	50	18	"	In	Gravelly clay 30; gravel 42; brown limestone 78. Water at 78.
Div C Con V "	J. Zampogna	"	Jul. 26, 1963	4	6	85	60	"	D	Gravel clay 20; ruck sand 40; clay 80; hard brown rock 100.
Div C Con V "	E. Davies	"	Oct. 2, 1962	4	6	95	58	"	D, S	Water at 100.
Div C Con V "	R.M. Golden	J.L. Graham	Mar. 18, 1961	4	8	35	42	"	D, S	Clay 50; sand 55; clay 84; hard flint 132. Water at 132.
Div C Con VI "	D.2. Ainley	C. Hall	Sep. 20, 1961	4	8	50	20	"	D, S	Dug well 5; grey clay 61; light brown rock 100. Water at 99.
Div C Con VI "	L. Robertson	J.L. Graham	Feb. 6, 1960	4	10	80	45	"	D	Previously drilled 100; dark brown rock 116. Water at 116.
Div C Con VI "	"	"	Mar. 3, 1960	4	10	65	50	"	D	Clay 40; gravel 50; hard brown limestone 114. Water at 114.
Div C Con VI "	"	"	"	4	10	65	50	"	D	Topsoil 4; brown stony clay 50; grey hard clay 70; blue earth 86; dark grey limestone 101; dark brown limestone 121. Water from 118 to 121.
Div C Con VI "	R. Biffiss	J. Sauder	Jun. 16, 1960	5	15	22	20	"	D	Fill; sand boulders 24; grey clay stones 61; grey limestone 94. Water at 83.
Div C Con VI "	H. Buckles	C. Hall	Jul. 15, 1960	4	4	80	45	"	D	Clay 68; brown limestone 95; hard black rock 135. Water at 135.
Div C Con VI "	J. Dickinson	J. Qudney	Oct. 18, 1960	4	5	60	35	"	D	Gravel clay 35; clay 70; black limestone 150. Water at 150.
Div C Con VI "	A. Thomas	C. Hall	Dec. 29, 1960	4	10	70	48	"	D	Hard clay 75; dark grey limestone 110. Water at 110.
Div C Con VI "	J. Geyne	"	Mar. 17, 1961	4	6	70	40	"	D	Sticky clay 88; dark brown rock 107. Water at 107.
Div C Con VI "	R. Lefnaski	J. Qudney	Mar. 17, 1961	4	10	40	25	"	D	Stony clay 58; grey limestone 97. Water at 97.
Div C Con VI "	G. Fritz	C. Hall	Aug. 4, 1961	4	10	60	42	"	D	Clay 60; gravel 70; hard grey rock 114. Water at 114.
Div C Con VI "	G. Cook	"	Mar. 19, 1962	4	12	65	31	"	D	Clay 35; fine gravel 50; clay 59; light brown limestone 94. Water at 94.
Div C Con VI "	C. Walliston	"	Nov. 19, 1962	4	5	80	65	"	D	Clay large boulders 60; sand gravel boulders mixed 93; light brown limestone 120; flint 135; black rock 138. Water at 138.

WELLINGTON COUNTY - cont.

Wellington County	Cont.	Div	Con	VI	lot	R. Pollard	C. Hill	Mar. 9, 1963	4	12	60	27	Fresh	D	Gravel 15; clay 40; sand gravel 54; light brown limestone 64; dark brown rock 96. Water at 96.
Guelpa Imp. - cont.		Div C	Con VI		3	J. O'Toole	"	Jun. 29, 1963	4	5	70	30	"	D	Gravelly clay 63; brown limestone 95. Water at 95.
		Div C	Con VI		3	H.P. McManus	"	Jul. 12, 1963	4	3 1/2	80	58	"	D	Clay gravel 60; clay 88; grey rock 120; hard brown rock 126. Water at 126.
		Div C	Con VI		3	J. O'Toole	"	Aug. 16, 1963	4	10	60	23	"	D	Gravel stone 50; brown limestone 84. Water at 84.
		Div C	Con VI		3	"	"	Sep. 12, 1963	4	5	75	42	"	D	Gravel boulders 47; brown limestone 90; hard dark grey rock 123. Water at 123.
		Div C	Con VI		3	"	"	Oct. 23, 1963	4	5	75	35	"	D	Gravel sand 61; grey limestone 98. Water at 98.
		Div C	Con VI		3	J.L. Graham	"	Aug. 10, 1961	4	8	30	18	"	D	Clay sand 4; fine sand 9; clay sand 40; light brown rock 45; dark brown rock 68; hard dark rock 83. Water at 80.
		Div C	Con VI		4	"	"	Jun. 26, 1962	4	5	90	65	"	D	Cement pit 6; brown clay gravel 23; grey clay gravel 55; gravel 58; grey clay gravel 80; fine sand 85; light brown rock 110; dark brown rock 125. Water at 124.
		Div C	Con VI		10	C.W. Farr	"	Jan. 27, 1961	4	8	60	7	"	D	Topsoil 2; brown clay gravel 25; light brown rock 37; dark brown rock 68. Water at 68.
		Div C	Con VII		5	R. Bliton	"	Jan. 21, 1960	4	12	34	24	"	D	Brown topsoil 4; brown sandy clay 12; grey sandy clay 30; grey clay 40; broken rock 76; brown limestone. Water from 65 to 95.
		Div C	Con VII		6	T.J. Hurland	J.L. Graham	Mar. 21, 1963	4	15	40	30	"	D	Sand gravel 22; gravel mixed clay 26; gravel 38; grey clay hardened 49; brown limestone 67; dark brown stone 85; light brown stone 88. Water at 58.
		Div C	Con VII		6	Cox Constr. Ltd	"	Sep. 20, 1962	4	10	30	17	"	D, S	Gravel 25; grey limestone 65; hard black rock 75. Water at 75.
		Div C	Con VII		11	H. Ziemer	C. Hill	Aug. 17, 1961	4	8	60	25	"	D	Clay 40; gravel 4; grey limestone 112. Water at 112.
		Div C	Con VII		2	H. Saville	J.L. Graham	Nov. 19, 1960	4	10	55	32	"	D	Dug well 21; sand 23; grey clay gravel 63; coarse sand gravel 64; light brown limestone 112. Water from 100 to 112.
		Div C	Con VII		1	G. Martin	"	Mar. 28, 1962	4	5	80	45	"	D, S	Clay 35; sand 45; clay 95; sand 92; grey limestone 155; black rock 198. Water at 198.
		Div C	Con IX		1	E. Leishman	C. Hill	Apr. 25, 1961	4	15	120	30	"	D	Clay 40; gravel 44; grey limestone 56. Water at 101.
		Div C	Con IX		2	C. Eaton	"	May 7, 1963	4	7	120	50	"	D	Topsoil 1; brown clay gravel 65; fine sand 75; grey clay gravel 135; medium dark brown rock 173; light grey rock 212. Water at 145 and 213.
		Div C	Con IX		6	D.D. Doughty	J.L. Graham	Oct. 10, 1961	4	15	25	10	"	D, S	Clay 22; grey limestone 48. Water at 48.
		Div C	Con XII		1	T.A. Cord	C. Hill	Sep. 14, 1961	4	10	30	14	"	D	Clay 10; grey limestone 22. Water at 22.
		Div D	Con II		7	K. Merim	"	Jan. 5, 1962	4	4	85	50	"	D	Clay 43; gravel 80; fine sand 102; grey limestone 212. Water at 212.
		Div D	Con II		7	H. Mitchell	"	Jun. 26, 1963	4	15	20	16	"	C	Sand 30; gravel 70; large boulders gravel 78; grey limestone 131. Water at 131.
		Div D	Con II		8	L. Dadd	J.L. Graham	Sep. 11, 1962	4	10	70	65	"	D	Topsoil 1; brown clay stones 18; grey hardened 63; gravel coarse sand 90; fine sand 100; light grey rock 132. Water at 132.
		Div D	Con II		9	B. Fletcher	"	Sep. 26, 1961	5	10	45	20	"	D	Topsoil 4; brown hardened 25; light brown rock 120. Water at 120.
		Div D	Con II		10	L. Montgomery	C. Hill	Oct. 6, 1960	4	4	70	20	"	D	Clay 40; fine sand 60; light grey limestone 90. Water at 90.
		Div D	Con II		14	C. Hattie	J. Gudney	Sep. 16, 1963	4	12	35	24	"	D	Yellow clay 20; grey limestone 75. Water at 75.
		Div D	Con II		17	D. Fletcher	C. Hill	Nov. 1, 1961	4	11	40	21	"	D, S	Clay 25; brown rock 75. Water at 49.
		Div D	Con II		19	W. Blood	"	Nov. 7, 1961	4	10	30	17	"	D	Dug well 7; gravel 22. Water at 22.
		Div D	Con II		19	W. Mockford	"	Dec. 19, 1961	4	10	45	20	"	D	Dug well 9; gravel 23; hard brown rock 56. Water at 56.
		Div D	Con II		19	Fletcher Motor & Body Shop	"	May 6, 1963	4	20	30	Floors	"	C	Gravel boulders 17; hard grey rock 61. Water at 61.
		Div D	Con II		20	P. Branciot	J. Gudney	Jun. 13, 1960	4	20	10	"	"	D	Stony clay 13; hard brown limestone 74. Water at 74.
		Div D	Con II		29	W. Hefferman	"	Mar. 10, 1961	4	10	55	22	"	D	Stony clay 45; grey limestone 150; hard black rock 166. Water at 166.
		Div D	Con II		27	H. Deniet	C. Hill	Oct. 25, 1961	4	5	65	21	"	D, S	Clay 4; hard bluish grey rock 72. Water at 72.
		Div D	Con II		29	W. Hefferman	J. Gudney	Sep. 11, 1963	4	3	80	20	"	D	Stony clay 5; grey limestone 134. Water at 134.
		Div D	Con III		29	S. Mc Mahon	J.R. Sprowl	Nov. 7, 1961	5	7	55	13	"	D, S	Dug well 6; clay 13; gravel 35; hard grey black limestone 137. Water at 45 and 130.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY - cont. Guelph Twp. - cont.										
Div D Con IV lot 5	C. Lockhurst	J.L. Graham	Jul. 20, 1960	4	7	50	24	Fresh	D	Dug well 25; grey hardpan 36; coarse sand 38; light grey rock 90; Water from 80 to 90.
Div D Con IV	J.J. Fischer	"	Jul. 13, 1960	4	11	40	14	"	D	Topsoil 2; brown clay gravel 14; grey hardpan 45; coarse sand 50; light brown rock 65; light grey rock 85. Water from 70 to 85.
Div D Con IV	M. Robson	"	Jan. 10, 1961	5	15	15	11	"	D	Topsoil 2; gravel brown clay 27; gravel sand 55; light brown rock 74. Water from 70 to 74.
Div D Con IV	R.A. Mackie	"	Jul. 30, 1963	4	10	16	9	"	D	Topsoil 1; brown clay gravel 53; light brown rock 71. Water at 71.
Div D Con IV	A. Campbell	C. Hall	Apr. 20, 1962	4	7	40	20	"	D, S	Stony clay 40; gravel 51. Water at 51.
Div D Con V	J. Elliott	"	Jul. 10, 1961	4	10	40	18	"	D	Gravel stones 36; hard grey limestone 80. Water at 89.
Div D Con V	J. Reilly	"	Feb. 17, 1960	4	10	50	35	"	D, S	Clay 46; muck and gravel 75; hard dark grey rock 105. Water at 105.
Div D Con V	F. Hogg	"	Jun. 20, 1961	4	10	40	20	"	D, S	Clay 35; gravel 55; hard brown rock 85. Water at 85.
Div D Con V	H. VonKiedner	J.L. Graham	Oct. 15, 1960	4	10	50	39	"	D, S	Dug well 20; stony hardpan 40; clay boulders 65; clay gravel 80; broken rock 90; light brown stone 119. Water from 90 to 119.
Div D Con VI	Ont. Dept. of Highways	C. Hall	Dec. 14, 1961	4	8	65	8	"	P	Clay 34; hard brown rock 90. Water at 90.
Div D Con VI	J. Alexander	J.L. Graham	Jul. 8, 1963	4	10	25	22	"	D	Topsoil 1; brown clay stones 12; grey hardpan stones 47; brown clay coarse sand 75; light brown rock 95. Water at 95.
Div D Con VI	K. Donnell	C. Hall	Dec. 6, 1962	4	7	80	37	"	D	Clay 60; gravel 84; brown rock 137. Water at 137.
Div D Con VI	J. Whale	N. MacLean	Sep. 20, 1963	4	12	45	35	"	D	Brown clay 50; blue clay 73; sand 80; gravel 86; yellow sand gravel 96; sand and grey stone 112. Water at 110.
Div D Con VI	A. Lehman	J.L. Graham	Jan. 27, 1962	4	10	25	16	"	D	Topsoil 1; stones brown clay 19; brown hardpan gravel 68; cemented gravel 73; light brown rock 79; light grey rock 90; brown rock 117. Water from 105 to 117.
Div E Con I	Guelph City Transort	Hadco Well Digging	May 13, 1961	30	12	23	14	"	D	Brown clay rock 2; sand gravel 4; brown clay rock 14; gravel sand 16; brown hard clay 17; gravel boulders 24. Water at 14 and 17.
Div E Con I	Marshall & O'Drinsky	J.L. Graham	Jun. 23, 1961	5	12	18	9	"	D	Topsoil 1; brown clay gravel 13; light brown rock 46. Water from 40 to 46.
Div E Con I	M.E. Mann	"	Jun. 28, 1961	5	12	17	15	"	D	Topsoil 2; brown clay gravel 18; light brown rock 41; dark brown rock 61. Water from 30 to 61.
Div E Con I	J. Brein	C. Hall	Jul. 3, 1961	4	7	30	25	"	C	Clay gravel 15; grey limestone 50. Water at 50.
Div E Con I	H. Bracken	"	Jul. 17, 1963	4	7	65	45	"	D	Clay stones 35; light brown limestone 84. Water at 84.
Div E Con I	C. Redwood	"	Jul. 20, 1963	4	9	50	30	"	D	Clay stones 35; light brown limestone 85. Water at 85.
Div E Con I	E. Fischer	J.L. Graham	Jan. 24, 1963	6	30	80	40	"	Ir	Topsoil 1; medium gravel sand brown clay 46; grey hardpan 69; light brown rock 80; medium grey rock 112; light brown rock 130; medium grey rock 203. Water at 110 and 203.
Div E Con I	E. Easterbrook	"	Nov. 17, 1961	4	10	20	8	"	D	Coarse gravel 10; clay stones 21; brown rock 57; light grey stone 76. Water at 75.
Div E Con I	L.A. Sanderson	"	May 31, 1960	4	8	60	13	"	D	Loam 2; brown sand 6; brown clay 10; clay small boulders 19; brown limestone 40; light brown limestone 70; light grey white limestone 80. Water from 70 to 80.
Div E Con II	J. Reimer	J.L. Graham	Oct. 31, 1962	4	10	25	20	"	D	Dug well 21; brown clay gravel 25; grey clay gravel 43; light brown soft rock 82; medium light brown rock 102. Water at 58 and 102.
Div E Con II	E. Turner	"	Sep. 30, 1963	4	7	90	45	"	D, S	Dug well 43; light brown rock 118; white rock 137; dark brown rock 152. Water at 90 and 152.
Div E Con II	C. Martin	"	Nov. 3, 1961	5	10	70	40	"	D	Stony grey hardpan 45; shaly rock 48; dark brown rock 52; light brown rock 97; light grey rock 125; black brown rock 136; light brown rock 139. Water from 136 to 139.

WELLINGTON COUNTY - cont.

Quehri Div E Con II Div E Con II	cont. 1st C	H. Katerburg T.C. Allen	C. Hall J.L. Graham	Jan. 12, 1962 Apr. 14, 1962	4 4	10 10	65 50	40 32	Fresh "	D D	Dug well 51:clay 54;grey limestone 110. Water at 140. Sandy clay 81:stony clay 19;clay gravel 31;broken limestone 42 brown stone 70;light grey stone 110;dark brown stone 136; dark grey stone 138. Water at 117. Gravelly clay 23;grey limestone 100. Water at 100. Clay 41;grey limestone 125;hard black rock 135. Water at 135. Gravelly clay 11;grey limestone 140. Water at 140.
Div E Con II Div E Con II Div E Con II	" " "	R.W. Shuel C. Walters Dee Ebers	C. Hall "	May 30, 1962 Aug. 22, 1962 Jun. 29, 1962	4 4 4	8 7 20	60 70 20	24 35 4	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div E Con II Div E Con III Div E Con III	" " "	R. Halimington Ont. Agricultural College	C. Goodberry	Feb. 8, 1962 May 4, 1963	4 10	10 117	50 140	18 26	" "	D F	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con IV Div G Con IV	" "	H.R. Wilby J. Anderson	J.L. Graham "	Oct. 18, 1960 Mar. 30, 1961	4 4	12 10	16 60	12 48	" "	D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	C. Reed G. Gould I. Kreller	C. Hill "	Apr. 26, 1960 Jul. 21, 1960 Nov. 16, 1960	4 4 4	10 5 75	50 40 40	33 40 40	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	E. Hildner Estate House	" "	Jul. 11, 1961	4 4 4	21 85 80	25 40 36	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	J.E. Atkinson "	J.L. Graham "	Jun. 9, 1962	4 4 4	10 39 37	" " "	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	H. Wilkinson "	" "	Dec. 24, 1963	4 4 4	8 80 26	60 30 26	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	R. McGee "	C. Hill "	May 1, 1961	4 4 4	8 80 26	60 30 26	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	D. Huggert P. Collins D.H. Forler	" "	Aug. 10, 1961 Oct. 6, 1961 Aug. 16, 1962	4 4 4	2 85 85	23 25 26	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Div G Con V Div G Con V Div G Con V	" " "	Brezolot Const. J. Harrington	J.L. Graham "	Sep. 20, 1963 Jul. 9, 1962	4 4 4	4 10 60	30 36 36	" " "	" " "	D D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Harriston Town Harriston Town	" "	Town of Harriston	International Water Supply Ltd.	Mar. 6, 1961	12	300	67	40	Fresh	T	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.
Maryborough Twp. Con III Con III	" " "	lot 18 E. McCarthy " 18 M. Obermeyer	N. McLeen "	Sep. 1961 Dec. 15, 1961	4 4	5 5	30 50	30 45	Fresh "	D D	Gravelly clay 28;grey limestone 69. Water at 69. Topsoil clay 4;gravel 20;clay pebbles 55;gravel clay 63; brown limestone 100;black limestone 154;grey limestone 244; blue black limestone 246. Water at 75 and 94. Gravel brown clay 10;fine sand and brown clay 34;light brown rock 65. Water from 50 to 65. Topsoil 2;fine brown sand;coarse stony gravel 64;grey clay small stones 134;clay small gravel 157;brown broken rock 157; black grey stone 178. Water at 175. Cemented gravel 32;loose gravel 41;grey limestone 110. Water at 110.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY -cont Maryborough Twp. cont Con IV	G. Griffith	C. Keeso	Aug. 1, 1961	4	18	45	43	Fresh	D, S	Dug well 61;sandy clay gravel 83;hardpan boulders 98;brown shale 119;brown limestone 131;white limestone 166. Water from 148 to 166.
Con IV	J. Drost	"	Jul. 25, 1961	4	15	50	47	"	D, S	Dur well 20;hardpan boulders 52;sandy clay gravel 84;brown shale 120;brown limestone 158;white limestone 169;brown limestone 189. Water from 159 to 189.
Con IV	A. Vogt	G.L. Davidson	Nov. 5, 1963	4	15	80	50	"	D	Clay 22;sand rough gravel 40;hardpan 62;stony hardpan 87;
Con V	M. Griffith	"	Feb. 11, 1961	4	12	57	45	"	D, S	shale clay 113;red shale 137;brown shale 139. Water at 139.
Con VIII	C.J. Baker	"	Feb. 28, 1961	4	6 1/2	76	42	"	D	Clay 76;sand gravel 84;limestone 114;at brown rock 110;114;at brown limestone 159. Water at 159.
Con VIII	C. English	"	Jan. 28, 1961	4	6	56	31	"	S	Clay 48;sand 57;hardpan 97;red blue shale 156;blue rock 215. Water at 215.
Con VIII	P. Karsten	Durham Drillers	Nov. 15, 1961	4	15	70	60	"	D, S	Gravel 20;stony hardpan 54;soft clay 60;hardpan 78;limestone 120;at blue rock 183. Water at 98 and 183.
Con IX	F. Kalbfleisch	"	Jan. 6, 1962	4	15	55	35	"	D, S	Clay stones 60;clay 120;quick sand 143;brown limestone 175. Water at 173.
Con IX	D. Smith	"	Mar. 30, 1962	4	15	45	32	"	D	Tonssil 2;hardpan stones 15;brown clay 40;hardpan small stones 65;gravel 75;hardpan 85;brown limestone white spots 125. Water at 120.
Con IX	Police Village of Moorefield	HadcoWellDigging	Jul. 18, 1962	36	20	9 1/2	8 1/2	"	D	Tonssil 10;gravel 20;grey stony clay 40;soft brown clay 60;brown sandy clay 75;brown sandy shale 80;brown rock 115. Water at 100.
Con IX	G. Schermer & G. Kops	G. L. Davidson	Dec. 5, 1963	4	15	70	50	"	D	Tonssil 3;brown clay 3;sand 3 1/2;gravel 12 1/2. Water at 8 1/2.
Con IX	I. Grehm	Durham Drillers	Mar. 22, 1962	4	15	55	45	"	D, S	Gravel 20;hardpan 38;sand 47;hardpan 69;sand gravel 83;red shale 135;blue shale 205. Water at 205.
Con XI	N. Mutter	"	Jun. 2, 1960	4	10	40	34	"	D, S	Tonssil 10;clay 18;boulders 28;clay 100;quick sand 110;clay 115;brown shale 121;brown rock 137. Water at 130.
Con XI	I. Gilmore	"	Jul. 21, 1960	4	6	45	41	"	D, S	Tonssil 2;brown clay 18;hardpan boulders 75;brown limestone 184. Water at 130.
Con XII	F. Lopers	"	Jul. 28, 1960	4	20	30	24	"	D, S	Tonssil 3;brown clay 15;grey clay stones 45;hardpan 78;brown limestone 145;grey limestone 152. Water from 146 to 152.
Con XII	W. Atchieson	"	Jan. 24, 1961	4	15	30	20	"	D	Tonssil 5;brown clay 15;grey clay 22;hardpan boulders 40;gravel 43;hardpan 96;medium hardpan 113;brown limestone 150;hardpan 164. Water from 160 to 164.
Con XII	V.C. Wood	"	Nov. 10, 1960	4	10	30	24	"	D	Tonssil 3;hardpan boulders 27;clay 48;gravel 34;hardpan 72;sand gravel 75;brown limestone 120. Water at 90.
Con XII	A. Heidebuurt	"	Jul. 5, 1963	4	21	70	55	"	D	Tonssil 3;brown clay boulders 62;brown limestone 97. Water from 90 to 97.
Con XII	L. McEwing	"	May 4, 1963	4	15	110	123	"	D, S	Open hole 25;hard clay stones 60;sand 65;hard grey clay 100;soft blue shale 110;hard blue shale 118. Water at 100 and 116.
Con XIII	P. Kratz	C. & H. Kerr	Oct. 31, 1963	5	15	60	36	"	D	Tonssil 4;clay stones 30;gravel clay 80;gravel sand 120;sand clay 250;sand gravel clay 250;sand 346;grey rock 370. Water from 360 to 370.
Con XIII	J. Chapman	Durham Drillers	Nov. 16, 1960	4	10	50	42	"	D, S	Stony clay 40;hardpan 87;brown shale 94. Water from 90 to 94.
Con XIV	Twp School	"	Mar. 29, 1962	4	18	65	54	"	P	Fill 8;grey clay stones 48;hardpan 70;grey clay 80;coarse sand 120;fine sand 141;bluish grey rock 157. Water from 150 to 157.
Con XIV	J. Marnardt	"	Aug. 23, 1960	4	3	125	100	"	D, S	Tonssil 10;gravel 20;clay 100;sand 125;blue clay 150;brown shale 174;grey rock 192. Water at 190.
										Dug well 65;grey clay stones 103;hardpan 153;gravel 157;hardpan 170;brown clay 205;fine sand 212;heavy gravel 217. Water from 205 to 217.

WELLINGTON COUNTY - cont.

Maryborough Twp. - cont.	Con	XIV	St. James United Church	N. MacLean	Oct. 23, 1961	4	10	55	50	Fresh	P	
Con XIV	"	14	E. Mitchell	G.L. Davidson	Apr. 6, 1961	4	7	76	58	"	D,S	Clay small stones 150; hard clay 190; soft shale 220; brown limestone 230. Water at 225.
Con XIV	"	14	O. Mitchell	Durham Drillers	Jan. 26, 1962	4	6	150	120	"	D,S	Clay 30; sand 95; gravel 99. Water at 99.
Con XIV	"	16	H. Walker	"	Feb. 10, 1961	4	12	73	70	"	D	Tossall 2; sand 60; sand 140; quicksand 250; dark brown sand 300; brown limestone 407. Water at 395 and 400.
Con XV	"	9	R. Fethovic	C. & H. Kerr	Nov. 7, 1963	5	15	78	60	"	D	Tossall 4; clay 95; gravel 160; harden 193; brown limestone 203. Water at 200.
Con XV	"	13	J. Mitchell	G.L. Davidson	Mar. 31, 1962	4	12	44	44	"	D,S	Stony clay 38; harden 83; gravel 97. Water at 97.
Con XV	"	15	L. Mitchell	R.H. Gedke	May 1, 1961	4	10	65	50	"	D,S	Clay 15; sand 29; harden 140; quicksand 155; sand gravel 220; grey rock 236. Water at 234.
Con XVI	"	10	P. Noble	G.L. Davidson	Oct. 10, 1962	4	10	70	26	"	D,S	Clay 60; sand 68; harden 97; gravel 98. Water at 98.
Con XVI	"	14	E. Hamilton	Durham Drillers	Dec. 7, 1963	4	5	45	38	"	D,S	Tossall 2; clay 9; boulders 8; clay 20; sandy clay 83; sand 85; clay sand 120; coarse sand 135. Water at 120.
Minto Twp.	Con C	101	L. Douglas	G.L. Davidson	Jan. 16, 1961	4	12	52	37	Fresh	D,S	Sand gravel 18; clay 32; sand 34; stony harden 48; sand 58; brown shale 72; brown rock 108. Water at 108.
Con C	"	113	J. Digby	"	Jan. 10, 1961	4	12	56	42	"	D,S	Tossall 4; sand gravel 12; sand 24; stony harden 38; sand 44; sandy gravel 68; brown shale 80; brown limestone 66; blue shale 96; yellow shale 104; blue shale 116. Water from 104 to 116.
Con D	"	77	W. Hall	"	Oct. 29, 1962	4	10	30	21	"	D,S	Tossall 1; brown clay 24; sand gravel stones 25; marl 34; soft harden 39; harden 55; yellow white rock 71; grey rock 97. Water at 97.
Con D	"	86	L. Stafford	E.A. Keeso	Aug. 2, 1962	4	15	24	14	"	D	Dug well 11; sand 10; stony clay 24; grey shale 29; grey limestone 51. Water from 48 to 51.
Con D	"	109	W. Douglas	"	Oct. 27, 1961	4	12	24	23	"	D,S	Dug well 22; clay 31; blue shale 58; blue rock 64; blue limestone 88. Water at 88.
Con D	"	115	R. Evans	R.H. Gedke	Dec. 2, 1963	5	15	26	26	"	D	Tossall 8; clay 45; clay gravel 70; brown limestone 120. Water at 120.
Con I	"	31	P.R. Pruess	"	Mar. 2, 1961	4	8	19	19	"	D,S	Top clay 4; harden boulders 40; loose sandstone 50; brown limestone 52. Water at 52.
Con III	"	14	W.D. Wells	G.L. Davidson	Feb. 8, 1960	4	15	62	40	"	D,S	Fill 4; sandy gravel 20; harden 65; blue shale 72; grey shale 98; grey rock 108; red shale 110. Water from 108 to 110.
Con III	"	17	G. Bromhill	E.A. Keeso	Oct. 31, 1962	4	12	22	21	"	D,S	Clay stones 12; clay gravel 30; harden boulder 49; brown shale 61; brown limestone 80. Water at 80.
Con V	"	6	S. McEachern	"	May 30, 1962	4	8	28	23	"	D,S	Clay stones 21; boulders gravel 42; brown shale 62; blue limestone 98. Water from 93 to 98.
Con VI	"	11	J. Idserda	"	Nov. 15, 1960	4 1/2	14	22	18	"	D,S	Dug well 22; clay 31; blue shale 58; brown shale 59; brown blue limestone 73. Water at 73.
Con VI	"	21	R. Rundle	E.A. Keeso	Jul. 20, 1963	4	13	29	26	"	D,S	Brown tossall 3; gravelly clay 38; soft brown shale 45; hard brown limestone 85. Water at 80 and 85.
Con VII	"	28	L. Fredham	"	Aug. 9, 1962	4	12	30	21	"	S	Dug well 17; clay boulders 36; gravel clay 46; brown shale 54; brown limestone 87. Water at 87.
Con VIII	"	6	T. Madigan	"	Dec. 10, 1960	4	8	40	28	"	D,S	Dug well 41; sand 55; shale 97; blue limestone 108. Water at 125.
Con VIII	"	21	B. Luesink	R.H. Gedke	Aug. 26, 1962	4	8	40	40	"	D,S	Tossall 6; clay boulders 81; loose brown limestone 97; grey limestone 119. Water at 119.
Con VIII	"	28	T. Richardson	"	Nov. 15, 1960	4	8	12	12	"	D,S	Dug well 21; gravel 35; loose rock 51; hard grey brown limestone 64. Water at 62.
Con XII	"	13	W. Meyler	E.A. Keeso	Jul. 4, 1963	4	15	29	27	"	D,S	Dug well 13; sand 21; harden 60; soft brown shale 74; soft blue shale 91; blue limestone 116. Water from 107 to 116.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY Minto Twp. cont. Con XII	lot 15 M. Tuohy	E.A. Keeso	Jul. 12, 1963	4	15	33	31	Fresh	D, S	Dug well 27; soft brown clay 35; then tan 52; brown shale 60; soft blue shale 94; soft blue limestone hard streaks 131. Water from 120 to 131.
Con XII	" 19 A. Manderson	"	Dec. 13, 1961	4	12	38	28	"	D, S	Yellow clay boulders 27; blue clay stones 54; blue shale 72; blue limestone 103. Water from 95 to 103.
Con XIV	" 15 P. Shannon	"	May 12, 1960	4	12	48	48	"	D, S	Brown clay 21; gravel clay 37; blue shale 113; blue limestone 130. Water at 130.
Con XIV	" 27 L. Reading	"	Oct. 10, 1961	4	14	30	28	"	D, S	Clay sand 42; gravel clay 56; blue shale 69; blue limestone 106. Water at 106.
Con XV	" 21 P. Arthurs	"	Dec. 28, 1960	4	2 1/2	30	20	"	D, S	Clay stones 39; gravel clay 67; sand 92; sandy gravel 99; blue shale 96; blue limestone 142. Water at 142.
Con XV	" 26 S. Boyd	"	Dec. 11, 1962	4	14	15	14	"	D, S	Clay 21; gravel stones 47; horizon 59; blue shale 68; blue limestone 94. Water at 94.
Con XVI	" 34 W. Mathews	E.H. Gadke	Jul. 3, 1962	4	8	14	12	"	D, S	Tonsol 15; clay 35; horizon gravel 40; loose brown limestone 66; gravel brown limestone 120. Water at 120.
Con XVII	" 20 B. Donaldson	E.A. Keeso	Nov. 10, 1961	4	12	48	46	"	D, S	Dug well 22; clay stones 47; sandy clay 61; blue shale 82; blue limestone 144. Water at 144.
Con XVII	" 30 B. Esmann	"	May 25, 1961	4	14	14	14	"	D, S	Dug well 4; brown clay 42; blue brown shale 64; brown limestone 97; blue limestone 106. Water from 90 to 106.
Con XVIII	" 36 M.J.G. Aidt	"	Jan. 6, 1961	4	14	76	76	"	D, S	Dug well 22; clay 41; shale 49; brown limestone 142. Water at 142.
Mount Forest Town Mount Forest Town	PUC Mt. Forest	International Water Surely Ltd.	Dec. 7, 1962	12	300	114	48		F	Tonsol 2; sand gravel clay 9; clay hard gravel 30; horizon 67; hard sandy clay 74; yellow sandy clay 85; gravel clay 108; brown clay gravel 129; brown limestone streaks shale 206; grey shale 224; brown limestone 242; brown limestone streaks grey stone 254; grey limestone 320; grey limestone streaks brown limestone 332; grey limestone streaks grey shale 359; brown limestone 378; light brown limestone streaks grey shale 401.
Michael Twp. Con I	lot 9 W.J. Anderson	J. Oudney	Nov. 3, 1961	4	4	25	70	Fresh	D, S	Stony clay 43; grey limestone 140. Water at 140.
Con I	" 10 B. Kouril	"	Apr. 20, 1961	4	10	22	45	"	D	Stony clay 10; grey limestone 100. Water at 100.
Con I	" 10 H. Cassie	Lesco Drilling	Dec. 28, 1963	4	6	87	62	"	D, S	Clay rocks 20; light grey limestone shale layers 90. Water from 84 to 87.
Con I	" 11 W. L. Perry	J. Oudney	Sep. 6, 1963	4	5	105	95	"	D	Stony clay 65; grey limestone 130. Water at 130.
Con I	" 12 B. Geller	"	Apr. 21, 1962	4	7	60	55	"	C	Stony clay 15; stony clay 4; grey limestone 130. Water at 130.
Con I	" 10 J. Barrock	"	Jun. 20, 1963	4	10	70	55	"	D	Stony clay 50; grey limestone 127. Water at 127.
Con II	" 1 J.P. Reitzel	C. Hall	Dec. 21, 1960	4	15	50	48	"	D, S	Soil 4; fine sand 11; hard clay 6; cemented gravel boulders 80; blue rock 120; grey rock 140; light brown rock 201. Water at 201.
Con II	" 3 B. Even	J. Oudney	Aug. 18, 1960	4	10	20	12	"	D, S	Stony clay 45; grey limestone 100. Water at 100.
Con III	" 3 D. Gibson	"	Feb. 20, 1961	4	10	60	7	"	D	Stony clay 50; grey limestone 177. Water at 177.
Con III	" 8 W.H. Armstrong	J.L. Graham	Nov. 22, 1961	4	12	30	20	"	D, S	Tonsol 2; brown clay stones fine sand 0; gravel fine sand clay 30; grey horizon gravel 48; light brown limestone 60. Water at 96.
Con IV	" 7 R. Sperry	J. Oudney	Jun. 6, 1963	4	10	55	7	"	C	Gravel limestone 9; grey limestone 80. Water at 80.
Con IV	" 11 E.G. Smith	"	Aug. 30, 1960	4	7	60	30	"	D	Stony clay 50; white limestone 115. Water at 115.
Con VI	" 1 J.A. Elliott	J.L. Graham	Jul. 19, 1963	5 1/2	30	60	12	"	D	Clay boulders 40; loose gravel 40; stony horizon 60; grey limestone 146; grey black limestone 159; brown grey limestone 186; dark brown grey limestone 200; white limestone 206.

WELINGTON COUNTY cont.

Well	Loc	Driller	Date	Depth	Remarks	Notes	Remarks	Notes
Con VII	10	J.J. Sullivan	Jan. 26, 1962	4	10	80	60	Fresh
Con VII	11	C. Hill	Jan. 26, 1962	4	11	55	45	"
Con VII	12	J. Oudney	Jun. 6, 1961	4	12	25	13	"
Con VII	13	C. McGreevy	May 28, 1961	4	13	25	13	"
Con VII	14	I. O'Connell	May 28, 1961	4	14	25	13	"
Con VII	15	G. Egan	Jan. 14, 1961	4	15	20	40	"
Con VII	16	D. Dutton	Sep. 30, 1960	4	16	50	40	"
Con VII	17	D. Dutton	Dec. 8, 1962	27	17	18	12	"
Con VII	18	HedcoWell Drilling	Jul. 9, 1960	4	18	47	42	"
Con VII	19	J.L. Graham	Oct. 19, 1960	4	19	70	42	"
Con VII	20	C. Hill	May 10, 1962	4	20	40	6	"
Con VII	21	D. Dutton	Feb. 6, 1961	4	21	40	6	"
Con VII	22	C. Hill	Oct. 2, 1962	4	22	40	3	"
Con VII	23	J. Oudney	Nov. 26, 1960	4	23	25	15	"
Con VII	24	C. Hill	Dec. 15, 1960	4	24	60	23	"
Con VII	25	C. Hill	Sep. 10, 1962	4	25	100	50	"
Con VII	26	C. Hill	Aug. 9, 1960	4	26	55	14	"
Con VII	27	C. Hill	Oct. 22, 1960	4	27	40	43	"
Con VII	28	C. Hill	Nov. 26, 1960	4	28	100	40	"
Con VII	29	C. Hill	Nov. 26, 1960	4	29	40	20	"
Con VII	30	C. Hill	Aug. 28, 1961	4	30	60	40	"
Con VII	31	C. Hill	May 20, 1960	4	31	100	55	"
Con VII	32	C. Hill	Jan. 7, 1961	4	32	40	18	"
Con VII	33	J. Oudney	Sep. 20, 1962	4	33	80	32	"
Con VII	34	J.L. Graham	Feb. 13, 1961	5	34	6	5	"
Con VII	35	"	Feb. 4, 1961	5	35	90	Flows	"
Con VII	36	J. Coffey	Nov. 13, 1963	4	36	67	23	"
Con VII	37	D. Allen	Jan. 4, 1963	4	37	40	30	"
Con VII	38	G.A. Keen	Jan. 4, 1962	5	38	15	Flows	"
Con VII	39	V. Whitlow	Oct. 14, 1961	4	39	60	30	"
Con VII	40	C. Anderson	Jun. 29, 1962	30	40	24	18	"
Con VII	41	G.I. McHardy	Sep. 23, 1960	5	41	30	10	"
Con VII	42	R. Fox	Oct. 8, 1963	6	42	50	16	"
Con VII	43	J. Black	Jan. 26, 1962	30	43	29	20	"
Con VII	44	L. Oudney	May 21, 1963	5	44	50	18	"
Con VII	45	J.B. Coffey	May 16, 1963	5	45	80	8	"
Con VII	46	A. Fischer	May 10, 1960	4	46	45	4	"
Con VII	47	J. Larson	Nov. 10, 1961	4	47	80	45	"
Con VII	48	B. Meyer	Oct. 10, 1961	4	48	45	45	"

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont.										
Peel Twp. Con B	lot 14 E. Snowe	G.L. Davidson	Mar. 15, 1960	5	7	78	67	Fresh	D, S	Gravel 40; hardpan 78; sand gravel 120; stony hardpan 133; gravel hardpan 148; hardpan 157; gravel 161. Water at 161.
Con I	" 16 G. Bauman	R. McLaughlin	Oct. 29, 1963	5	25	46	35	"	D, S	Clay 21; hardpan rocks 66; red clay 85; hardpan 114; red clay 121; hardpan 189; shale 193. Water at 190.
Con II	" 4 J. Wetztha	"	Jan. 25, 1961	5	5	165	130	"	D, S	Tonssoil 1; clay 2; gravel 25; clay 60; hardpan 156; gravel 169. Water at 168.
Con II	" 13 M. Jackson	G.L. Davidson	Nov. 16, 1963	4	8	95	73	"	D, S	Clay 22; sand 24; stony hardpan 88; sand 94; hardpan 126; hardpan gravel 136; red shale 142; blue shale 177. Water at 172.
Con II	" 16 N. Frey	R. McLaughlin	Feb. 14, 1961	6	18	45	43	"	D, S	Tonssoil 1; clay 15; hardpan 55; clay hardpan 92; gravel 84. Water at 84.
Con III	" 1 M. Leitner	Hedco Well Drilling	May 7, 1963	30	2	32	27	"	D	Tonssoil 1; brown clay 13; grey clay 30; brown sand 32; gravel 33. Water at 32.
Con IV	" 4 R. Israel	G.L. Davidson	Jan. 13, 1962	4	12	85	77	"	D, S	Hardpan 68; sand gravel 76; hardpan 136; white shale 146; white rock 191. Water at 191.
Con IV	" 8 L. Hahn	"	Nov. 3, 1961	4	12	93	69	"	D, S	Clay 10; hardpan 53; sand 61; hardpan 119; clay 171; brown shale 169; brown rock 192. Water at 199.
Con V	" 1 B. Faulkner	Durham Drillers	Jul. 14, 1962	4	21	55	45	"	D, S	Gravel 20; soft red clay 65; stony red clay 80; hard brown sandy clay 100; hardpan 110; dark rock 121. Water at 120.
Con V	" 2 H. Street	"	Jul. 27, 1961	4	8	61	55	"	D	Tonssoil 1; clay 50; sand 68; sand gravel 91; sand 115; gravel 119; brown limestone 152. Water at 149.
Con VI	" 6 E. Martin	G.L. Davidson	Mar. 2, 1962	4	12	125	100	"	D, S	Clay 17; hardpan 44; sand 76; hardpan 136; shale 153; brown rock 159. Water at 169.
Con VI	" 12 G. Lubberts	R. McLaughlin	Jan. 12, 1961	5	18	120	110	"	D, S	Tonssoil 2; clay 12; hardpan 65; sand 68; hardpan 84; stones hardpan 97; clay 137; hardpan 222; grey limestone 239. Water at 222.
Con VI	" 12 E. Brubecker	G.L. Davidson	Mar. 15, 1963	4	6	150	136	"	D, S	Clay 22; hardpan sand 200; green blue soft shale 220; light brown soft limestone 223; blue soft shale 233; light brown soft limestone 234. Water at 234.
Con VII	" 3 E. McNeil	"	May 16, 1963	4	10	115	94	"	D, S	Clay 13; sand 18; hardpan 55; sand 70; hardpan 158; blue rock 193. Water at 203.
Con VII	" 10 Peel Twp School Area	"	Oct. 29, 1960	4	8	160	148	"	P	Clay sand 6; hardpan stones 26; boulders 87; clay stones 94; sand 112; clay stones 134; sand 168; sand clay stones 193; sand 196; clay stones 228; blue soft shale 232; bluish green soft shale 268; brown soft caving shale 272. Water at 277.
Con VIII	" 1 S. Boyd	"	Sep. 19, 1962	4	10	70	50	"	D, S	Clay 15; sand stones 20; hardpan 57; sand 70; hardpan 122; shale 140; blue rock 156. Water at 156.
Con VIII	" 13 E. Schneider	J. Sauder	Jun. 9, 1961	5	15	72	83	"	D, S	Tonssoil 3; yellow clay 13; stony blue clay 40; stony hardpan 60; sandy clay 64; hardpan 74; clay stones 85; soft blue clay 90; hardpan 115; soft brown clay stones 130; soft brown sandy clay 164; hardpan 175; boulders brown clay 184; red clay 204; boulders sticky soft clay 210; silty stony clay 215; silty clay 238. Water at 215.
Con IX	" 3 J. Verbeek	Durham Drillers	Sep. 9, 1962	4	20	85	79	Fresh	D, S	Tonssoil 6; sandy clay 20; soft clay 100; boulders 115; stony clay 135; hard grey clay 160; stony clay 185; soft grey clay 200; fine sand 240; brown rock 260. Water at 260.
Con IX	" 7 H. Dean	"	Jan. 17, 1961	4	5	95	85	"	D, S	Brown clay 10; hardpan boulders 25; sand gravel 115; cemented sand 145; red clay stones 160; grey shale 186; blue limestone 254. Water at 246.
Con IX	" 10 J. Hansma	Durham Drillers	Aug. 29, 1962	4	18	120	110	"	D, S	Tonssoil 6; soft grey clay 20; hard grey clay 55; soft grey clay 80; stony grey clay 100; soft grey clay 115; boulders 135; hard clay 155; sandy clay 200; soft grey clay 215; sand 249; grey rock 260; brown rock 288. Water at 275.

WELLINGTON COUNTY - cont.

Well	Driller	Date	Depth (ft)	Remarks	Notes
Con IX	I. Schneider	Oct. 19, 1962	4	Dug well 27; sand clay 101; hardpan 129; clay sand 195; sand 203; gravel 205. Water at 205.	D,S
Con X	" 11 E. Whale	Jan. 5, 1963	4	Tossall 1; hardpan boulders 27; sand gravel 90; cemented gravel 140; gravel sand 170; gravel clay stones 260; sand 261; brown limestone 299. Water from 280 to 295.	D,S
Con X	" 15 H. Bauman	Oct. 2, 1963	4	Sand 18; gravel 30; stony hardpan 62; quicksand 127; hardpan stones 147; gravel sand 177; hardpan 266; gravel hardpan 355; gravel 357. Water at 357.	D,S
Con X	" 18 V. Frey	Nov. 5, 1963	6 1/2	Tossall 2; clay 30; clay gravel 34; hardpan 48; clay 62; sand 65; quicksand 75; hardpan 115; loose hardpan gravel 128; gravel 130. Water at 139.	D,S
Con XI	" 5 K. Duff	Dec. 16, 1963	4	Clay boulders 40; sandy clay 100; hard grey clay 115; boulders 125; hard sandy clay 200; grey sand 215; hard sandy clay 235. Brown shale 281. Water at 238.	D,S
Con XI	" 11 J. Dewerd	Dec. 31, 1963	4	Open hole 51; stony clay 105; gravel clay 115; grey clay 235; grey limestone 286. Water from 270 to 282.	D,S
Con XI	" 14 J. Moulter Jr.	Oct. 25, 1963	30	Brown clay gravel 4; grey clay 15; fine grey silt 25. Water at 20.	D,S
Con XI	" 15 J. Downey	Mar. 7, 1962	4	Tossall 4; sand 10; sandy clay 90; sandy clay boulders 160; gravel 170. Water at 170.	D,S
Con XI	" 19 C. Martin	Dec. 28, 1963	5	Clay; hardpan 15; red clay 32; hardpan 66; clay streaks sand 91; red clay small stones 213; gravel 216. Water from 213 to 216.	D,S
Con XII	" 10 B. Williamson	Mar. 8, 1962	4	Clay 11; sand 195; hardpan 115; sand 157; hardpan 160; gravel 165; stony clay 170; stony clay 200; gravel 205; stony clay 225; sand 250; stony clay 270; blue clay 295; blue shale 320; rock 330. Water at 325.	D,S
Con XIII	" 3 K. Rietkerk	Jan. 20, 1962	4	Tossall 2; clay 60; gravel 79; boulders stones 90; gravel sand 162; brown limestone 204. Water at 190, 198 and 502.	D,S
Con XIV	" 10 W. Archibald	Mar. 15, 1962	4	Clay 150; sand 170; stony clay 200; quicksand 220; clay 230; grey rock 232. Water at 230.	D,S
Con XIV	" 21 D. Bott	Oct. 9, 1962	4	Tossall 2; clay stones 60; hardpan clay 120; cemented gravel 227. Water at 220 and 227.	D,S
Con XIV	" 22 W. Hebner	Nov. 15, 1962	4	Tossall 2; clay 50; quicksand 120; clay stones 200; sand 210; gravel 218. Water from 200 to 218.	D
Con XIV	" 22 W.E. Hammond	Nov. 26, 1962	4	Tossall 2; clay 60; quicksand 120; clay stones 200; sand 203; gravel 205. Water from 200 to 203.	D
Con XV	" 20 N. Skerritt	Oct. 26, 1962	4	Tossall 2; sand 96. Water from 84 to 86.	D,S
Con XVI	" 6 J. Gieglich	Dec. 30, 1963	4	Open hole 18; clay 30; sand 45; sandy clay 60; sand 100; sandy clay 110; sand 120; sandy clay 135; hard clay hardpan 157; gravel coarse sand 156. Water at 156.	D,S
Con XVI	" 8 J. Beer	Nov. 26, 1963	4	Open hole 14; grey clay 125; sandy clay 150; sand 175; clay 210; stony clay 220; sand 224. Water from 150 to 222.	D,S
Con XVI	" 10 Kelley Bros.	Aug. 17, 1963	4	Tossall 1; gravel boulders 70; soft grey clay 100; stony grey clay 130; sand gravel 140; sand 150; hard grey clay 179; quicksand 175; gravel 190; sand gravel 195. Water from 120 to 190.	D,S
Con XVI	" 13 F. Volson	Dec. 13, 1963	4	Tossall 2; clay 61; clay boulders 15; sandy clay 55; sandy clay 100; fine sand 110; hard clay 113; coarse gravel 114. Water at 55, 105 and 113.	D,S
Con XVI	" 20 H. Hall	Mar. 4, 1961	5	Old dug well 31; clay small stones 77; clay gravel 160; soft clay gravel 203; coarse gravel 208. Water at 206.	D
Con XVII	" 14 E. Coffey	Mar. 16, 1962	4	Clay 8; sand 19; hardpan 31; sand 40; hardpan 70; clay 105; gravel 108. Water at 108.	D,S
Con XVII	" 16 C. Hansen	Nov. 15, 1961	4	Clay 30; hardpan 92; sand 100; hardpan 145; medium coarse gravel 161. Water at 161.	D,S

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont. Feel Twp. - cont. Con XVIII lot 6	A. Green	Durham Drillers	Jun, 9, 1962	4	3		Flows	Fresh	D, S	Topsoil 5; yellow sand 20; blue clay 100; hardpan boulders 135; sand gravel 160; gravel 168. Water at 168.
Con XVIII lot 7	H. Beer	J. Sauder	Apr. 19, 1961	5	12	52	46	"	D, S	Topsoil 1; brown clay 21; quicksand 30; blue clay 60; blue sandy clay 72; brown clay 105; sandy clay 107; blue clay 121; hardpan 125; fire clay 131; quicksand boulders 180; white sand 281; brown shale 284; solid grey limestone 290; brown limestone 302; brown rock 304. Water from 105 to 107 and from 302 to 304.
Con XVIII lot 11	F. Gravell	Durham Drillers	Jan. 18, 1963	5	8	60	60	"	D, S	Topsoil 1; clay stones 40; sand 70; sand gravel 78. Water from 75 to 78.
Con XIX lot 10	B. Richardson	"	Dec. 3, 1963	4	5	55	48	"	D, S	Open hole 20; hardpan 30; clay 55; coarse sand 60; clay 90; sand 135; gravel 137; sand 150; clay 165; sand 175; clay 183; cemented gravel 200. Water at 135 and 198.
Pilkington Twp. GRE Con A lot 3	Grand Valley Cons. Auth. Galt	J.L. Graham	Dec. 18, 1962	6	20	60	6	Fresh	P	Loose stony clay 7; broken brown rock 60; light brown rock 80; light grey rock 168; white grey rock 240; white brown rock 278; white grey rock 290; brown rock 315; dark brown rock 320. Water at 240, 287 and 318.
GRE Con I lot 4	M. Day	C. Hill	Dec. 7, 1961	4	10	60	45	"	D, S	Clay large boulders 80; gravel large boulders 100; grey limestone 215. Water at 215.
GRE Con I lot 13	B. Assman	"	Sep. 14, 1962	4	6	90	15	"	D, S	Clay boulders 65; rough gravel 78; light brown limestone 158. Water at 158.
GRE Con I lot 14	R.J. O'Donnell	J. Gudney	May 1, 1962	4	10	35	24	"	D, S	Stony clay 70; grey limestone 99. Water at 99.
GRE Con I lot 16	H.C. Johnston	J.R. Sprowl	Oct. 28, 1961	4	5	80	35	"	D, S	Stony gravel clay 35; clay sand gravel 75; grey limestone layers black flint 175. Water at 85 and 175.
GRE Con II lot 13	A. Kampf	J.L. Graham	Oct. 15, 1963	5	10	60	40	"	D, S	Dug well 15; fine brown sand 24; soft blue clay 36; hard stony clay 65; soft sandy clay 89; stony hardpan 96; brown limestone 107; grey limestone 148; dark grey stone 167; brown black limestone 171. Water at 170.
GRE Con II lot 15	W. Bennett	"	Aug. 29, 1961	5	10	65	55	"	D, S	Topsoil 1; brown clay gravel 15; grey clay gravel 90; fine sand gravel 102; medium brown rock 113. Water at 113.
GRE Con II lot 15	N.E. Wain	C. Hill	May 31, 1963	4	12	50	27	"	D, S	Clay stones 40; sand gravel 50; clay 81; grey limestone 117. Water at 117.
GRE Con III lot 4	G. Detweiler	J.L. Graham	Sep. 24, 1963	4	10	55	50	"	D	Topsoil 1; gravel brown clay 34; gravel 65; medium brown rock 95. Water at 95.
GRE Con III lot 12	G. Gamble	"	Sep. 15, 1961	5	10	55	35	"	D, S	Dug well 22; silt fine sand 28; grey hardpan 95; grey rock 167. Water from 135 to 167.
GRE Con V lot 12	W.L. Kurtz	"	Jan. 17, 1962	5	10	60	16	"	In	Topsoil 1; brown clay gravel 15; fine sand gravel 19; brown clay gravel 90; fine sand gravel 109; light brown rock 155. Water from 130 to 155.
GRW Con A lot 1	W. Henderson	C. Hill	Dec. 13, 1962	4	15	50	2	"	D	Old dug well 24; gravel fine sand 31; grey limestone 113. Water at 113.
GRW Con A lot 4	M. McGee	J.L. Graham	Nov. 3, 1960	5	10	120	45	"	S	Dug trench 5; gravel brown sandy clay 23; brown hardpan 45; brown limestone 157. Water at 155.
GRW Con A lot 4	J. Senley	J. Gudney	Dec. 14, 1961	4	11	20	9	"	D	Stony clay 15; grey limestone 80. Water at 80.
GRW Con A lot 5	M. MacRae	J.L. Graham	Jun. 7, 1962	5	6	120	20	"	In	Topsoil 2; white rock 55; light brown rock 98; white rock 153. Water from 40 to 152.
GRW Con A lot 7	R. Bosworth	C. Hill	Jan. 12, 1961	4	8	10	Flows	"	D, S	Clay shale 25; grey limestone 72. Water at 72.
GRW Con B lot 11	R. Chamberlain	J.L. Graham	Jul. 9, 1963	5	8	40	35	"	D	Dug well 25; grey hardpan gravel 63; gravel boulders 70; brown fine sand 108; blue shale limestone 140. Water at 140.

Wellington County -cont. Fillingdon Twp. lot 11 GRW Con B	H. Penfield	J.L. Graham	Nov. 27, 1961	5	8	35	Fresh	D	
GRW Con II	" 4 A. Grabbe	Durham Drillers	Dec. 22, 1962	4	15	70	65	D, S	Old dug well 32; hard brown boulders 24; fine brown sand 80; hard grey clay 96; pebbled gravel 105; alternating shale 138; blue shale 152. Water at 140. Tossoll 1; clay 22; clay stones 112; clay boulders 160; pebbles 220; sand 230; clay stones 240; cemented gravel 245; blue shale 265. Water from 266 to 265. Dug well 8; gravel fine sand 24; Water at 48. Gravel 40; grey limestone 70. Water at 70. Dug well 40; gravel 35; grey limestone 78. Water at 78. Blue clay 37; gravel 40. Water at 40. Dug well 2; brown clay rocks 10; blue clay 25; gravel clay 30. Water at 25. Tossoll 1; brown clay 24; blue clay 26; blue hard brown 32; gravel sand 38. Water at 32. Hard brown 30; blue clay 58; hard brown 146; sand gravel 148. Water at 148. Tossoll 5; hard brown 15; clay 30; hard brown 63; pebbles sand 77; hard brown 73. Water at 70; sand 12. Water at 25. Tossoll 2; brown clay 40; sand 32; blue clay 22; hard brown 36; Tossoll 1; brown clay 40; sand 32; blue clay 22 and 36. Gravel 37; blue clay 40. Water at 22 and 36. Tossoll 1; brown clay 9; brown sand 14; gravel 14; blue sand 16; blue clay 18; blue sand 20. Water at 14.
GRW Con I	" 15 A. Shafer	J. Qudney	Nov. 7, 1963	4	12	25	14	D	
GRW Con I	" 13 C. McLean	"	Nov. 20, 1963	4	9	40	23	D	
GRW Con I	" 13 M. Thomas	"	Dec. 12, 1963	4	14	40	23	D	
GRW Con V	" 3 E. Martin	G.L. Davidson	Jul. 13, 1962	9	12	40	23	D, S	
GRW Con V	" 3 Martin Peck	Hadoo Well Digging	Mar. 13, 1962	30	20	25	10	S	
GRW Con V	" 7 H. Shoemaker	"	Dec. 20, 1960	30	50	37	20	D, S	
GRW Con VI	" 1 E. Bauman	G.L. Davidson	Aug. 11, 1962	4	10	60	52	D, S	
GRW Con VI	" 3 J. Bruder	R.I. McLaughlin	Jun. 10, 1963	7	15	60	45	D	
GRW Con VI	" 9 A. Wilson	Hadoo Well Digging	Mar. 13, 1963	30	4	28	8	D	
GRW Con VI	" 10 Bethel Mennonite	"	Apr. 19, 1961	30	6	39	25	D	
GRW Con VI	" 10 L. Brubecker	"	Oct. 4, 1961	30	8	20	11	S	
Fuelinsh Twp. Con I	lot 2 Svestika Beach Ltd.	L.C. Shantz	May 21, 1960	5	15	32	9	P	Clay gravel 69; grey limestone 158. Water at 155.
Con I	" 2 T. Sheppard	J.L. Graham	Nov. 29, 1961	4	12	35	10	D	Tossoll 2; brown clay fine sand 60; grey clay 96; grey clay fine sand 91; pebbled gravel 93. Water at 93.
Con I	" 2 E. Seegmiller	"	May 2, 1962	5	8	55	45	D	Tossoll 1; fine gravel sand 18; brown sand clay 36; brown sand fine sand 85; grey fine sand 135; grey coarse sand 138. Water at 138.
Con I	" 2 R. Malloy	"	Jun. 25, 1963	4	10	35	15	D	Dug well 20; brown clay gravel 35; grey clay sand seams 100; brown rock 108. Water at 108.
Con I	" 2 T. Corelli	W. Packham	Jun. 28, 1963	6	25	20	12	D	Sandy loam 40; sandy clay 90; clay gravel 95; clean gravel 103.
Con I	" 2 N. Lee	J.L. Graham	Jul. 17, 1963	5	10	50	15	D	Tossoll 1; brown clay fine sand 25; grey clay fine sand 96; gravel 99; light brown rock 100. Water at 100.
Con I	" 2 J. Grezory	"	Nov. 15, 1963	5	15	25	22	D	Gravel 99; light grey clay sand seams 75; grey sand 98; gravel 100.
Con I	" 4 A. Webber	"	Aug. 20, 1963	6 1/2	30	35	6	D	Dug well 100.
Con I	" 5 R.A. Stricker	"	Oct. 4, 1963	5	10	32	12	D	Tossoll 2; grey clay gravel 10; brown clay fine sand 25; brown clay gravel 71; light brown rock 77. Water at 77.
Con I	" 19 J. Huffman	W. Packham	Nov. 25, 1961	6	20	25	18	D, S	Old dug well 12; soft clay stones 30; grey clay 70; fine grey sand 86; coarse gravel 91. Water at 91.
Con I	" 24 Presbyterian Church in Can.	"	Oct. 22, 1962	6	24	60	52	D	Dug well 35; clay sand 60; coarse stone gravel 77. Water from 75 to 77.
Con II	" 2 D. Wilkeson	J.L. Graham	Mar. 22, 1961	4	10	48	46	D	Dug well 50; heavy gravel 60; sandy clay 116; limestone 127. Water at 124.
Con II	" 4 G. Staffler	"	Mar. 7, 1961	4	10	55	42	D	Tossoll 1; sandy brown clay 30; coarse sand 34; brown clay gravel sand 70; light brown limestone 115; light grey limestone 130. Water at 129. Drilled well 91; coarse sand gravel 106; light brown rock 122. Water at 120.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WELLINGTON COUNTY cont.										
Puelinoh Twp. -cont.										
Con II	J.S. Blake	L.C. Shantz	Nov. 1, 1962	5	15	11	10	Fresh	D	Topsoll 1; clay gravel 38; silty sand clay gravel 69; cemented gravel 70; grey limestone 75. Water at 74.
Con II	N. Gollightly	W. Packham	Feb. 7, 1963	6	15	90	23	"	D, S	Dug well 22; clay gravel 70; rock 90. Water at 94.
Con II	H.E. Freitburger	J.L. Graham	May 24	7	15	10	5	"	D	Topsoll 1; stones gravel 8; fine sand clay 65; gravel 68; broken rock limestone 70. Water at 70.
Con II	N. Purdy	"	Dec. 19, 1963	5	12	15	5	"	D	Topsoll 2; fine sand 3; stones sand 40; fine sand 65; see stone gravel 67. Water at 67.
Con II	J.H. McLean	"	Nov. 14, 1963	4	15	25	12	"	D	Dug well 14; gravel brown clay 30; grey clay fine sand 45; grey clay gravel 90; cemented gravel 98; light brown rock 100. Water at 120.
Con II	Ont. Dept. of Highways	King City Well Drilling Co. Ltd.	Dec. 14, 1961	6 1/2	20	37	35	"	P	Topsoll 1; clay boulders 33; sand 52; brown clay 62; coarse sand 99. Water at 60.
Con II	"	"	Mar. 16, 1962	6 1/2	18	28	20	"	P	Topsoll 1; clay stones 28; gravel 42; coarse sand 60; gravel 71. Water at 60.
Con II	"	"	Mar. 30, 1963	6 1/2	30	30	20	"	P	Topsoll sand loam stones 8; clay boulders 60; sand clay mixture 72; dark grey clay 84; yellowish clay sand gravel mixture 100. Water from 90 to 100.
Con II	"	"	Dec. 8, 1961	6 1/2	16	22	20	"	P	Clay boulders 10; coarse gravel 20; brown sand clay 41; sand 54; red clay 64; coarse sand 93. Water at 64.
Con II	"	"	Mar. 30, 1963	7		23	23	"	P	Clay boulders 27; fine sand clay 75; fine sand 80; coarse gravel sand 102. Water from 90 to 102.
Con II	J. Gittton	W. Packham	Mar. 26, 1962	6	30	30	20	"	D, S	Stony clay 35; sandy clay 90; sand 95; gravel 103. Water at 103.
Con II	W.N. Froud	J.L. Graham	Jul. 21, 1960	4	10	40	18	"	D	Rocky fill 4; boulders 16; boulders clay 28; clay sand 58; hardpan 85; gravel sand 92; black grey sand limestone 115; brown stone 133; dark limestone 135. Water from 130 to 135.
Con II	Dr. H.G. Downie	W. Packham	Nov. 17, 1962	6	24	35	32	"	D	Stony clay 20; gravel clay 50; silty sand 90; sand gravel 94; rock 98. Water at 96.
Con II	G. Mueller	J.L. Graham	Feb. 15, 1963	5	20	20	8	"	D, S	Topsoll 1; coarse gravel 50; fine sand brown clay 70; stony hardpan 75; brown rock 112; black rock 115. Water at 115.
Con II	M. Burrows	W. Packham	May 19, 1962	6	16	35	26	"	D	Gravel stones 25; sand gravel 45; gravel 46. Water at 48.
Con III	J. Seaton	C. Hill	Sep. 3, 1960	4	8	40	23	"	D	Clay 51; light grey limestone 102. Water at 102.
Con III	E. Stricker	"	Sep. 23, 1961	4	10	40	12	"	D	Clay boulders 39; grey limestone 96. Water at 96.
Con III	M. Seaton	"	Apr. 6, 1962	4	10	30	16	"	D	Clay 42; grey limestone 101. Water at 101.
Con III	H. Becker	W. Packham	Dec. 7, 1962	6	25	26	25	"	D	Pit 4; sand 25; sand gravel clay 60; fine sand 70; coarse sand gravel 77. Water from 75 to 79.
Con III	A. Allardye	Hisco Well Drilling	May 26, 1962	30	2	29	25	"	D	Topsoll 1; coarse gravel 3; brown sand 13; grey clay 24; brown sand 30. Water at 24.
Con III	Wellington County Tree Farm	J.L. Graham	Mar. 12, 1962	5	10	40	23	"	D	Dug well 22; coarse sand gravel 54; fine grey sand 65; fine sand coarse gravel 102; light brown rock 125; dark brown rock 126. Water from 90 to 126.
Con III	H. Etherington	W. Packham	Nov. 20, 1962	6	15	20	10	"	D	Gravel stones 15; sand gravel 25; sand 75; limestone 91. Water at 85.
Con III	M. Conroy	J.L. Graham	Dec. 5, 1961	5	10	80	32	"	D, S	Dug well 30; fine sand 36; brown clay fine sand 62; fine sand 68; grey clay 71; coarse sand 102; medium brown rock 138. Water from 124 to 138.
Con III	G. Trump	W. Packham	May 25, 1962	6	10	95	45	"	S	Loam gravel stones 25; sand gravel streaks clay 90; sand gravel 95; coarse gravel 98. Water at 98.
Con III	J. Stitt	"	Dec. 21, 1962	6	20	38	35	"	D, S	Silty clay gravel 30; silty sandy clay 90; sand gravel 97; gravel 103. Water at 103.
Con IV	P.U.C.	International Water Supply Ltd.	Oct. 9, 1962	10				"	N	Topsoll 2; dirty sand gravel hard streaks boulders 29; brown limestone 33; grey limestone 73.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont.										
Fuelinoh Twp. - cont.										
Con VII	W.J. Clarke	J.L. Graham	Jun. 4, 1960	4	12	12	12	Fresh	D	Brown clay stones 33; brown limestone 73. Water from 50 to 73.
Con VII	A. Hegerson	"	Feb. 3, 1961	4	12	13	8	"	D	Topsoil 1; gravel stones 23; brown clay gravel 35; dark brown limestone 100. Water from 45 to 99.
Con VII	W.J. Clarke	"	Jul. 12, 1961	4	15	19	15	"	D	Topsoil 1; gravel stones 12; gravel brown clay 37; brown rock 70
Con VII	G. Pentelow	W. Packham	Oct. 23, 1961	6	16	40	9	"	D, C	Stony clay 69; sandy loam gravel 40; gravel 49; limestone 53.
Con VII	R. Stickney	J.L. Graham	Mar. 14, 1962	4	10	45	10	"	D	Water at 40; sandy loam gravel 34; grey hardpan gravel 49; light brown rock 58. Water at 58.
Con VII	A. Zess	"	Mar. 19, 1962	4	10	30	14	"	D	Topsoil 1; gravel 38; light brown rock 75. Water at 75.
Con VII	J. Zeller	"	Jul. 26, 1962	5	10	9	9	"	D	Topsoil 1; gravel boulders 22; gravelly brown rock 55; brown limestone 33. Water at 95.
Con VII	A. Skiba	C. Hill	Aug. 31, 1962	4	6	70	12	"	D	Gravel 33; light brown limestone 95. Water at 95.
Con VII	C. Blake	"	Nov. 2, 1963	4	10	40	12	"	D	Dug well 1; gravel 3; grey limestone 81. Water at 81.
Con VII	J. McPhail	"	Oct. 28, 1963	4	3	75	16	"	D	Dug well 1; gravel 3; grey limestone 81. Water at 87.
Con VII	G. Dekruyf	"	Oct. 30, 1963	4	3	70	15	"	D	Dug well 1; gravel 20; grey limestone 90. Water at 90.
Con VII	G. Rutherford	J.L. Graham	Apr. 4, 1962	4	12	80	44	"	D	Clay large boulders 4; soft blue clay 69; light brown rock 100; medium brown rock 128; light brown rock 149; soft broken rock 152; sand seam. Water at 150.
Con VII	A. Aiken	"	Mar. 12, 1963	5	10	80	44	"	D, S	Heavy boulders clay 20; boulders hardpan 35; loose stones gravel 45; brown hardpan 70; brown sand 82; hardpan 90; brown rock 123; light grey rock 127; brown rock 136; dark brown rock 138. Water at 138.
Con VII	J. Gilbertson	"	Nov. 23, 1962	4	9	95	80	"	D	Dug well 27; grey clay stones 48; brown clay sand gravel 82; grey clay 97; gravel sand gravel streaks 101; grey clay 123; light brown rock 165; medium dark brown rock 173. Water at 154 and 173.
Con VII	B. Robinson	"	Apr. 16, 1963	5	10	120	58	"	D	Topsoil 1; brown clay gravel 45; brown clay stones 60; brown clay medium sand 75; grey hardpan 135; grey hard gravel 141; light brown rock 180; light grey rock 230. Water at 170 and 230.
Con VII	W.J. Clarke	"	Aug. 15, 1962	4 1/2	10	90	70	"	D	Topsoil 1; brown clay gravel 40; coarse sand gravel 112; grey limestone 147. Water at 147.
Con VII	E.V. Thompson	W. Packham	May 17, 1960	6	20	10	4	"	D	Gravel loam 35; gravel sand 40; coarse gravel 44. Water at 44.
Con VII	D. Pentelow	"	Jun. 13, 1961	6	15	50	20	"	D	Loam clay gravel 50; sand gravel 54; white limestone 60. Water at 54.
Con VII	R.B. Ward	"	Jun. 8, 1962	6	24	20	10	"	D	Old dug well 20; stony sandy clay gravel 46; limestone 92. Water at 46.
Con VII	R. McLean	"	May 4, 1961	6	20	20	15	"	D	Clay loam gravel 30; sand gravel 54; white limestone 60. Water at 57.
Con VII	United Church Aberfoyle	"	Nov. 18, 1961	6	10	50	18	"	P	Sandy loam gravel 20; sandy clay 49; limestone 59. Water at 56.
Con VII	R. McCall	"	Nov. 8, 1963	6	30	25	14	"	S	Topsoil 2; sand gravel 12; sand clay 40; sand gravel 45; gravel broken rock 48. Water at 48.
Con VII	Duff's Church	"	Oct. 22, 1960	6	10	25	21	"	P	Stony clay 15; gravel 75; sand gravel 95; medium gravel 100.
Con VII	Superstest Petroleum Corp Ltd	J.L. Graham	May 31, 1961	5	10	60	49	"	C	Top fill 2; topsoil 3; loose stones clay 10; clay boulders 36; hardpan stones 70; fine sand 74; coarse gravel 89; light brown limestone 91; dark brown limestone 113; brown limestone 115. Water from 91 to 115.

Publisher	Twp. - cont.	W. Packham	6	10	20	10	20	34	10	Fresh	D	D
Con VII	10 ¹ 31	M. Debo	6	24	40	34	40	34	34	Sulphur	D	Gravel clay 35; gravel 41. Water from 39 to 41.
Con VII	31	M. McEwards	6	24	35	20	35	20	20	Fresh	D	Clay gravel 20; coarse gravel 30; fine gravel sand 90; shale 82; rock 84. Water at 82.
Con VII	"	A. A. Pinkheimer	7	20	90	37	90	37	37	"	D	Sandy clay small stones 20; sand gravel 65; medium gravel 70. Water at 70.
Con VII	"	R. DeVries	6	25	35	30	35	30	30	"	S	Old dug well 27; stony clay 7; white limestone 112. Water at 110.
Con VII	"	M. Winer	6	5	40	16	40	16	16	"	S	Old dug well 30; clay sand gravel 52; shale 65; limestone 80. Water at 75.
Con VII	"	E. Pentelow	6	5	40	16	40	16	16	"	D	Dug well 15; stony clay 37; limestone 49. Water at 45.
Con VII	"	D. L. Porand	10	200	96	56	200	96	56	Sulphur	P	Tobacco 2; stones clay coarse gravel 15; brown sand clay coarse gravel 4; brown limestone 90; dark brown limestone 45; black rock 155; light blue rock 214; light grey rock 227. Water at 60 and 226.
Con VIII	"	A. Smellie	5	12	40	16	40	16	16	Fresh	D	Fine sand clay 17; clay gravel 44; stony harden 52; brown limestone 104; black limestone 140; dark grey limestone 145. Water at 144.
Con VIII	"	R. W. Stafford	4	9	60	30	60	30	30	"	D	Gravelly clay 15; yellow clay 76; hard brown limestone 125. Water at 125.
Con VIII	"	D. Campbell	4	4	60	27	60	27	27	"	D	Gravelly clay 15; yellow clay 68; grey limestone 110; hard black rock 144. Water at 144.
Con VIII	"	J. Mann	4	7	70	30	70	30	30	"	D	Sandy clay 15; clay 63; grey limestone 125; hard black rock 158. Water at 158.
Con VIII	"	A. Johnson	4	5	70	19	70	19	19	"	D	Hard brown clay 10; fine brown sand 23; brown harden 56; brown rock 84; dark brown rock 92. Water at 90.
Con VIII	"	J. Gansekele	4	10	20	16	20	16	16	"	D	Dug well 9; brown clay gravel 34; grey harden 45; fine sand cemented gravel 58; gravel 64; cemented gravel 65. Water at 65.
Con VIII	"	P. Dawson	4	10	46	44	46	44	44	"	D	Sand clay coarse 15; sand clay 61; gravel 66; clay 67; cemented gravel 91; brown rock 107; black rock 127. Water from 107 to 127.
Con VIII	"	J. Matenko	5	60	130	46	130	46	46	"	D	Clay boulders 70; sandy clay 80; harden clay 96; cemented gravel 102; brown limestone 110; black rock 140; grey rock 147; blue grey rock 164. Water from 147 to 164.
Con VIII	"	"	4	10	60	34	60	34	34	"	D	Blue small boulders 55; fine sand 63; stony harden 95; grey rock 110; dark grey rock 131; hard rock 132. Water at 132.
Con VIII	"	"	4	10	60	38	60	38	38	"	D	Clay boulders 40; stony harden 10; hard grey clay 108; coarse gravel 114; light brown rock 120; dark brown rock 136. Water at 135.
Con VIII	"	"	4	8	60	9	60	9	9	"	D	Stony clay boulders 58; brown rock 95; hard black rock 114. Water from 112 to 114.
Con VIII	"	"	4	8	70	25	70	25	25	"	D	Tobacco 1; brown clay stones 15; brown clay gravel 75; brown clay sand 89; coarse gravel 132. Water from 110 to 132.
Con VIII	"	"	4	10	15	9	15	9	9	"	D	Rock 110; dark brown rock 132. Water from 110 to 132.
Con VIII	"	"	4	12	20	9	20	9	9	"	D	Tobacco 1; brown rock 85. Water at 85.
Con VIII	"	"	4	10	40	35	40	35	35	"	D	Small brown rock 85. Water from 83 to 85.
Con VIII	"	"	4	10	40	35	40	35	35	"	D	Brown 1; brown clay 54; stone gravel 57; gravel 60; grey clay 66; grey clay gravel 70; brown rock 95; black rock 130. Water from 112 to 130.
Con VIII	"	"	5	10	55	34	55	34	34	"	D	Clay boulders 55; fine sand gravel 70; stony harden 96; brown rock 120; dark brown rock 128; black white rock 134. Water from 130 to 134.
Con VIII	"	"	4	10	50	47	50	47	47	"	D	Brown rocks 12; grey clay rocks 115; dark grey 11; black 140. Water from 137 to 138.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELINGTON COUNTY -cont Paslinch Twp. - cont.										
Con VIII	C. Verdine	C. Hall	Aug. 30, 1963	4	7 1/2	65	18	Fresh	D	Clay boulders 58; brown limestone 90; hard brown rock 103. Water at 103.
Con VIII	W.J. Clarke	J.L. Graham	Oct. 17, 1963	4	10	15	9	"	D	Tonsoil 1; gravel 15; sand gravel 32; grey clay sand 55; light brown rock 86. Water at 86.
Con VIII	P.E. Henlon	C. Hall	Dec. 31, 1963	4	10	40	10	"	D	Stony gravel sand 67; brown limestone 102. Water at 102.
Con VIII	L. Anderson	J.L. Graham	Jul. 21, 1961	4	6	40	15	"	D	Tonsoil 1; stones gravel 20; gravel grey clay 34; hardpan 38; light brown rock 60. Water at 60.
Con VIII	M. McNulty	"	Feb. 13, 1962	5	15	35	16	"	D, S	Tonsoil 2; stones gravel fine silt 18; gravel brown clay 30; boulders brown clay 32; brown hardpan gravel 46; light brown rock 72; medium dark brown rock 95. Water from 82 to 95.
Con VIII	J. DiOro	"	Apr. 20, 1963	4	7	40	10	"	C	Tonsoil 1; brown clay stones 18; brown clay gravel 72; light brown rock 88. Water at 88.
Con VIII	M. Farley	"	Feb. 16, 1962	5	8	60	19	"	D, S	Brown fill 6; gravel boulders 24; grey clay stones 39; light brown rock 54; medium brown rock 118; dark brown rock 120; dark rock 130. Water from 118 to 130.
Con VIII	W.P. Clair	"	Nov. 8, 1963	5	15	50	3P	"	D	Dug well 22; grey clay sand 28; grey clay 45; grey clay gravel 69; light brown rock 127; light grey rock 148. Water at 147.
Con VIII	K. Jenkins	W. Packham	Jul. 2, 1962	6	25	45	40	"	D	Stones sandy clay 5; sandy clay gravel 80. Water at 80.
Con VIII	J. Metenko	J.L. Graham	Jul. 7, 1962	4	15	30	25	"	D	Tonsoil 1; brown clay stones 23; brown clay gravel 38; coarse sand gravel 98; medium brown rock 123; dark brown rock 130. Water at 130.
Con VIII	C. FitzPatrick	W. Packham	Jul. 22, 1960	6	20	10	0	"	D	Sand gravel 35; gravel 40. Water at 40.
Con VIII	H. Sutton	"	Mar. 27, 1962	6	30	22	20	"	D	Stone gravel 3; gravel 25; gravel 45; gravel 55; gravel 60; limestone 62. Water at 60.
Con VIII	P.S. Owens	"	Jun. 15, 1961	6	20	18	12	"	D	Dug well 35; stony clay 30; limestone 34. Water at 32.
Con VIII	V. Hallmon	"	Jun. 15, 1961	6	20	25	12	"	D	Clay stones 25; gravel 40; gravel 43. Water at 43.
Con VIII	A. Spence	J.L. Graham	Aug. 21, 1961	5	10	80	30	"	D, S	Dug well 30; brown clay gravel 45; gravel fine sand 87; light brown rock 105; dark brown rock 143; light grey rock 156; bluish grey rock 170. Water from 165 to 169.
Con VIII	J. Amos	"	Jun. 10, 1960	4	15	51	46	"	C	Stones brown clay 20; brown hardpan gravel 52; coarse sand gravel 89; medium dark brown rock 95. Water from 84 to 95.
Con VIII	B. Riddell	W. Packham	Jul. 19, 1961	6	20	80	55	"	D	Clay 15; gravel clay 30; sandy clay 100; gravel 105. Water at 105.
Con VIII	A. Slade	"	Sep. 1, 1960	7	15	40	25	"	D	Gravel clay 25; sandy clay 78; limestone 88. Water at 85.
Con VIII	G. Greer	"	Sep. 8, 1962	7	24	80	60	"	D	House basement 7; stony clay 30; sandy clay 80; clay 95; white limestone 105. Water at 100.
Con VIII	R. Penrice	"	Nov. 12, 1963	6	30	50	22	"	S	Stones sandy clay 25; sandy clay 47; limestone 62. Water at 60.
Con VIII	C.W. Winer	"	Mar. 21, 1960	7	8	90	32	"	S	Stony clay 53; limestone 85. Water at 82.
Con VIII	S. Winer	"	Nov. 14, 1963	7	20	60	17	"	S	Stones clay 20; sandy clay 49; limestone 100. Water at 58.
Con IX	Estate Homes, Halton Ltd.	C. Hall	Aug. 2, 1962	4	10	30	5	"	D	Clay boulders 5; gravel 10; hard black rock 36. Water at 36 1/2.
Con IX	"	"	Sep. 5, 1962	4	10	40	12	"	D	Stony clay 16; brown rock 49. Water at 49.
Con IX	H.J. Lehman	J.L. Graham	Nov. 27, 1962	4	10	35	32	"	D, S	Dug well 18; brown clay coarse sand 32; medium brown rock 41; dark brown rock 55. Water at 55.
Con IX	"	"	Aug. 28, 1963	4	10	50	45	"	D, S	Deepened well 55; black rock 80. Water at 80.
Con IX	F. Elliott	"	Nov. 16, 1962	10	700	9	0	"	P	Tonsoil 2; dirty sand gravel 9; brown limestone 20; grey limestone 68. Water at 10.
Con IX	"	International Water Supply Ltd.	Oct. 23, 1962	10	48	67	25	"	P	Tonsoil 1; dirty sand gravel 5; brown sand 16; packed sand gravel clay 65; grey limestone 84. Water at 65.
Con IX	"	"	Nov. 15, 1962	10	1200	13	4	"	P	Tonsoil 2; dirty sand gravel 6; clay gravel 14; gravel clay 21; brown limestone 29; grey limestone 65. Water at 21.

WELLINGTON COUNTY -cont.

Con IX	H. Gertner	Sep. 9, 1963	4	12	60	30	Fresh	D, S	Gravel stones 33; brown limestone 75. Water at 75.
Con IX	1st J.C. Ellis	Feb. 20, 1961	4	10	80	26	"	D	Clay 45; light brown limestone 100. Water at 100.
Con IX	" 6 Arkell United								
Con IX	" 6 A. Buesenoff	Jun. 6, 1961	4	8	60	16	"	P	Clay 40; gravel 51; grey limestone 110. Water at 110.
Con IX	" 6 C.K. Golding	Feb. 27, 1962	4	10	40	32	"	D	Clay gravel mixed 28; hard brown rock 77. Water at 77.
Con IX	" 6 J.L. Graham	Apr. 24, 1963	4	10	38	25	"	D	Tosoli 2; gravel stones 18; brown clay gravel 26; light brown rock 45; dark brown rock 73. Water from 60 to 73.
Con IX	" 7 C. Hill	Jan. 31, 1961	4	4	70	30	"	D	Clay 45; dark gravel 51; light brown limestone 120. Water at 120.
Con IX	" 7 M. Ham	Feb. 10, 1961	4	4	85	35	"	D	Clay 45; gravel 53; grey limestone 128. Water at 128.
Con IX	" 7 K. Ronald	Feb. 15, 1961	4	15	70	26	"	D	Hard clay 40; gravel limestone 95. Water at 95.
Con IX	" 7 R. Barnett	Feb. 27, 1961	4	5	80	32	"	D	Clay 51; greyish brown limestone 134. Water at 134.
Con IX	" 7 W.A. Watson	Jul. 9, 1962	4	5	80	32	"	D	Clay 23; brown limestone 132. Water at 132.
Con IX	" 7 L. Pace	Mar. 4, 1963	4	14	90	36	"	D	Clay 44; grey limestone 100; hard brown rock 130; hard black rock wall 36; brown sand gravel 45; fine brown sand 60; grey clay 41; red streaks 97; light brown rock 110. Water at 110.
Con IX	" 14 Dr. A. DeVos	Jan. 4, 1963	5	10	40	37	"	D, S	Tosoli 1; brown clay stones 45; brown clay 63; grey clay 85; grey clay coarse sand 104; pea stone gravel 110. Water at 110.
Con IX	" 15 W.B. Dahl	Oct. 16, 1962	4	10	55	50	"	D	Tosoli 2; brown clay gravel 18; brown clay coarse sand 29; grey clay gravel 40; brown clay gravel 87; gravel coarse sand 82; brown clay coarse sand 114; light brown rock 115. Water at 115.
Con IX	" 17 J. Suppers	Nov. 23, 1962	5	12	57	53	"	S	Brown clay rocks 61; sand gravel rocks 23; grey clay rocks 90; brown limestone 105; grey rock 120; white rock 128. Water from 172 to 176.
Con IX	" 17 J. Haugh	Dec. 14, 1963	4	10	50	45	"	D, S	Brown gravel sand 70. Water at 50.
Con IX	" 20 J. Jensen	Oct. 22, 1963	5	25	5	5	"	D, S	Sandy loam stones 7; silty sand clay 29; limestone 88. Water at 85.
Con IX	" 33 W. Laking	Apr. 25, 1963	6	25	40	34	"	D, S	Well pit 7; brown clay gravel 28; coarse sand gravel 38; light grey rock 42. Water at 73.
Con IX	" 35 J.C. Binmale	Jun. 28, 1963	5	12	20	15	"	D, S	Dug well 19; coarse sand gravel 25; grey clay stones 40; grey hard brown gravel 51; dark brown rock 105. Water from 70 to 105.
Con IX	" 36 J. Gilmore	Dec. 11, 1961	5	10	38	14	"	D, S	Tosoli loam 1; coarse gravel sand boulders 37; sand gravel 54; brown limestone 66; hard black shale 72; brown limestone 83; hard black shale 92; brown limestone 103; hard black shale 105. Water at 38.
Con X	" 4 P.U.C.	Dec. 21, 1962	1			37	"	N	Boulders clay 7; coarse gravel clay boulders 20; hard bedded gravel clay 22; cemented gravel boulders 25; hard dark grey limestone 40. Water at 20.
Con X	" 4 "	Apr. 29, 1963	12	35	10	2	"	N	Tosoli 1; boulders dirty gravel 40; tight dirty gravel 49; broken dark grey limestone 53; dark grey limestone 93; light grey limestone 96. Water at 48.
Con X	" 4 "	May 25, 1963	1	200	68	46	"	N	Black surface loam 1; sandy brown clay 7; dirty sand gravel boulders clay 15; clay sand 17; broken round coarse gravel sand clay 20; light brown limestone 47; hard limestone 52; light brown limestone 64; hard brownish limestone 83; black limestone 85.
Con X	" 5 "	Jan. 18, 1963					"	N	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont. Fuslinch fwp. - cont. Con X lot 5	City of Guelph	International Water Supply Ltd.	Mar. 4, 1963	2			32	Fresh	T 3-63	Sandy brown clay gravel 3;dirty sand gravel boulders 46; clay gravel 48;soft broken limestone 49;brown limestone 83; blackish limestone 91;grey limestone 93;blackish limestone 95. Water at 34.
Con X	"	"	Jun. 17, 1963	16	1000	59	39	"	T 7-63	Clay boulders 26;gravel sand 47;coarse gravel sand 55;gravel clay 61;hard blue clay 72;gravel clay 74;dark grey limestone 95;light grey limestone 142. Water at 129.
Con X	"	"	Jul. 19, 1963	2	150	17	11	"	T 9-63	Sandy loam 1;boulder 3;dirty gravel boulders 6;clay gravel boulders 28;loose sand gravel boulders 35;packed gravel sand boulders clay 40;gravel sand clay dark coloured boulders 56; sandy clay gravel 64;dark shale 66. Water at 35.
Con X	"	"	Feb. 5, 1963	2	250	29	25	"	T 2-63	Brown sandy clay 5;dirty sand gravel clay 17;packed hard clay silt sand gravel 24;sand gravel clay 28;brown limestone 64;brown limestone blackish streaks 76;dark grey blackish limestone 97;black softer limestone 101;greyish limestone 102. Water at 28.
Con X	W. Douglas	W. Packham	Nov. 22, 1961	6	12	80	75	"	D,S	Stones clay 20;gravel clay 55;stones gravel 70;fine gravel clay hard 108;buff colour limestone 116. Water at 112.
Con X	R. Lefneski	R.H. Graham	Mar. 18, 1963	5	15	20	20	"	D	Heavy boulders clay 22;loose gravel stones 37;fine sand brown clay 64;stony barren 82;slate rock 83. Water at 83.
Con X	D. Beachanan	J.R. Sprowl	Jul. 16, 1963	4	7	35	27	"	S	Gravel stones 20;gravel sand 31;gravel layers shale 39;dark brown limestone 75;light grey limestone 114. Water at 45 and 114.
Con X	W. Finlay	J.B. Ruttan	Jul. 3, 1963	6	8	48	14	"	D	Brown clay gravel 21;grey clay 43;grey clay gravel 49;blue dolomite 56. Water at 54.
Con XI	P.U.C.	International Water Supply Ltd.	Jun. 19, 1963	12	700	52	47	"	T 8-63	Loam 1;gravel sand boulders 5;gravel clay boulders 27;sand gravel clay 32;sand 38;dark hard shale 53;grey limestone 113; soft limestone 115;grey limestone 127;soft limestone 127;hard grey limestone 132. Water at 27 and 113.
Con XI	"	"	May 27, 1963	12	800	45	40	"	T 6-63	Gravel clay boulders 20;cemented gravel 27;clay gravel 34; hard grey limestone 48;stratified soft hard limestone 84;light grey limestone 100;grey yellow limestone 145. Water at 45. Cemented gravel large boulders 40;coarse black gravel 51. Water at 31.
Con XI	A. Sunnicks	C. Hill	Jan. 9, 1963	4	12	45	32	"	D	Sandy brown loam 10;brown silt sand 26;limestone 45. Water at 44.
Con XI	G. May	W. Packham	Mar. 11, 1960	7	20	20	10	"	D	Clay stones 35;silt 70;fine sand 85;coarse sand 87. Water at 92.
Gore	D. Quiney	S. Gill	Oct. 2, 1963	6	9	60	38	"	S	Duz well 23;clay gravel 55;sand 65;sand gravel 68;gravel 70. Water at 70.
Gore	F. Somback	W. Packham	Sep. 20, 1963	6	25	10	8	"	D,S	Tonsil fissid gravel 20;stones gravel 45;clay gravel 74; broken rock 85;light brown rock 100;dark brown rock 107. Water from 104 to 107.
Gore	E. Barber	J.L. Graham	Sep. 7, 1960	4	10	28	26	"	D	Sandy clay large stones 95;clay gravel 58;fine rock 83. Water at 81.
Gore	R. Brown	W. Packham	Sep. 12, 1962	6	24	65	60	"	D	Sand gravel boulders 28;grey limestone 50. Water at 48. Stones clay 44;limestone 75. Water at 55 and 70.
Gore	W. McQueen	J.B. Ruttan	Oct. 12, 1962	6	16	32	30A	"	D	Stony clay 65;limestone 101. Water at 75 and 98.
Gore	J.D. Brown	W. Packham	Jun. 6, 1962	6	25	40	30	"	D,S	
Gore	J. Baer	"	Oct. 17, 1961	6	30	45	32	"	P	

WELLINGTON COUNTY - cont.

West Core/Type	Loc	6	C. Hall		4	9	40	20	Fresh	D	
Con I	A. Cameron	6	C. Hall	Aug. 19, 1960	4	10	40	30	"	D	Sticky clay 17; shale 26. Water at 54.
Con I	J.H. List	7	J. Quidney	Aug. 22, 1960	4	8	40	30	"	C	Clay 77; gravel 35; grey limestone 60. Water at 60.
Con I	D. Grant	7	J. Quidney	May 28, 1960	4	8	40	41	"	D	Stony clay 17; grey limestone 69. Water at 69.
Con I	Cities Service Oil Co.	7	C. Hall	May 30, 1960	4	5	60	40	"	D	Stony clay 17; grey limestone 70. Water at 70.
Con I	W.H. Speers	7	J. Quidney	Aug. 15, 1960	4	5	60	30	"	C	Clay 71; gravel 75. Water at 75.
Con I	H. Cameron	7	C. Hall	Oct. 21, 1961	4	6	60	25	"	D	Sandy clay 25; clay 45; grey limestone 130. Water at 130.
Con I	E. Cameron	7	C. Hall	Jul. 27, 1962	4	7	95	70	"	D	Clay stones 26; hard grey limestone 100; white limestone 132. Water at 132.
Con I	H.A. Stearns	7	J. Quidney	Aug. 27, 1963	4	10	50	39	"	D	Stony clay 17; grey limestone 75. Water at 75.
Con I	A.L. Flewelling	20	Hadco Well Drilling	Oct. 28, 1963	4	6	25	63	"	D	Tosolli 11; brown clay 4; brown sandy clay 14; dark blue sandy clay 17; blue sand 29. Water at 14.
Con I	A. Hoerdt	36	R.H. Gedke	Nov. 5, 1963	4	8	40	40	"	D, S	Brown clay 45; sand gravel 112. Water at 112.
Con II	W. Van Broekhuizen	5	J. Quidney	Aug. 28, 1960	4	10	10	2	"	D	Stony clay 10; limestone 50. Water at 50.
Con II	J.D. Walkey	6	J.L. Graham	May 27, 1961	5	15	30	15	"	S	Tosolli 11; limestone gravel 15; gravel sand 19; light brown rock 96. Water at 95.
Con II	"	6	"	Nov. 11, 1961	4	10	40	25	"	S	Drilled well 96; brown rock 136. Water at 135.
Con II	W.B. & J.C. Reitle	16	Durham Drilling	Mar. 1, 1963	5	25	Flows	Flows	"	D, S	Tosolli 2; clay boulders 30; gravel boulders 55; gravel 70. Water at 62 and 70.
Con III	W. DeBoer	6	J.L. Graham	Jun. 14, 1963	4	10	60	24	"	D	Brown clay 4; clay boulders 70; blue rock 132; light brown rock 136. Water from 134 to 137.
Con III	R. McDougall	24	G.L. Davidson	Apr. 15, 1961	4	12	35	23	"	D, S	Clay 6; sand 8; clay 30; sand 60; harden 87; sand 115; harden 135; shale 152; grey rock 178. Water at 155.
Con III	B. Wilson	30	Ladco Drilling	Nov. 23, 1962	4	8	56	54	"	D, S	Silty clay 22; clay rocks 11; rocks 153; gravel 162; clay rocks 193; limestone clay layers 215. Water at 214.
Con III	D. Martin	31	Durham Drillers	Sep. 17, 1963	4	20	45	36	"	D, S	Open hole 1"; boulders 30; sandy clay 60; hard stony clay 100; harden 13; boulders 150; coarse sand clay 160; fine sand 165; fine gravel 172. Water from 160 to 172.
Con IV	E. Logel	16	J.L. Graham	Oct. 5, 1960	4	15	50	24	"	D	Sandy till 10; fine sand boulders 28; clay stones 75; sandy grey clay 105; large boulders harden 115; sand brown broken stones 136; rock 147; gravel seam 148. Water from 147 to 148.
Con IV	G. Thompson	23	G.L. Davidson	Jan. 5, 1963	4	15	30	4	"	D, S	Clay 50; mudic sand 60; harden 141; grey rock 240; white rock 241. Water at 220 and 241.
Con IV	C. Louttit	24	J.L. Graham	Aug. 27, 1963	5	12	40	28	"	D, S	Old dug well 11; soft blue clay 104; fine brown sand 142; stony harden 154; yellow rock 230; light brown rock 254. Water from 230 to 254.
Con V	D.P. Putman	9	C. Hall	Apr. 26, 1963	4	5	20	19	"	D	Dug well 6; gravel 20; clay 70; grey limestone 142. Water at 142.
Con V	J.D. Walkey	15	J.L. Graham	Oct. 8, 1963	5	10	40	19	"	S	Fine brown sand 16; clay gravel 104; gravel sand 120; blue rock 192; brown blue rock 208; light grey brown rock 234. Water from 220 to 230.
Con V	T.E. Murdock	22	"	Aug. 13, 1963	4	8	Flows	Flows	"	D	Old dug well 13; clay gravel 130; stony harden 142; brown limestone 189; light brown limestone 194; dark limestone 204. Water from 202 to 204.
Con V	S. Sarkisan	24	G.L. Davidson	Feb. 9, 1962	4	15	72	58	"	D, S	Sand 2; quicksand 42; clay gravel 55; clay sand stones 60; clay harden 208; brown soft rock 175; white hard rock 200.
Con VI	G.W. Douglas	12	J.L. Graham	Oct. 22, 1962	5	10	60	38	"	D, S	Old dug well 34; fine brown sand 46; grey clay 110; boulders 120; stony harden 127; brown rock 154; light brown rock 173; light grey rock 215; dark brown rock 222. Water at 222.
Con VI	P. McDonald	15	Ladco Drilling	Sep. 27, 1963	4	10	65	60	"	D, S	Brown clay 45; sand 80; grey clay rocks sand layers 190; white limestone 200. Water from 195 to 200.

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APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION :	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY cont. W. Garafraxa Twp. cont.									
Con. VII	lot 8 A.D. MacLennan	Hadco Well Digging	Jan. 13, 1962	30	15	24	15	D, S	Topsoil 1; brown sandy clay 7; brown coarse sand 18; blue grey clay 24. Water at 14.
Con VII	" 11 S.W. Wallis	J. Quiney	Jul. 12, 1962	4	12	40	19	"	Sandy clay 12; clay large stones 22; grey limestone 121. Water at 121.
Con VII	" 11 R.E. Siderius	"	Jul. 19, 1962	5	10	60	6	"	Clay 50; grey limestone 95. Water at 95.
Con VII	" 16 G. Louttet	J.L. Graham	Dec. 21, 1961	4	15	20	46	"	Clay 26; light grey limestone 262. Water at 252.
Con VII	" 19 L. Burns	"	Apr. 18, 1963	5	7	5 1/2	46	"	Clay gravel 154; stony brown 170; brown limestone 301; light brown limestone 309. Water at 302.
Con VIII	" 10 L.B. Popham	"	Oct. 27, 1961	5	8	75	55	"	Dug well 22; grey clay stones 60; grey clay fine sand 67; light brown rock 133. Water from 112 to 132.
Con VIII	" 11 J. Cook	J. Quiney	Aug. 13, 1960	4	60		40	"	Stony clay 85; grey limestone 150. Water at 150.
West Luther Twp.									
Con I	lot 4 G. Howes	Durham Drilling	May 21, 1963	4	10	90	43	D, S	Topsoil 2; stones gravel 25; clay gravel 61; gravel boulders 130; clay sand gravel 153; gravel stones 175; sand clay 215; gravel sand 225; quicksand 243; brown rock 284. Water from 275 to 292.
Con I	" 6 J.A. Moore	C. Keeso	Feb. 9, 1962	4 1/2	12	76	28	"	Dug well 45; sandy clay 60; brown clay sand gravel 180; brown shale 210; brown limestone 375. Water from 300 to 375.
Con III	" 16 H. Langdon	R.H. Gadke	Oct. 25, 1963	4	10	10	10	"	Gravel clay 70; gravel boulders 93; brown limestone 105. Water at 103.
Con IV	" 1 G. Prentice	G.L. Davidson	Dec. 2, 1961	4	10	26	13	"	Clay 5; sandy gravel 27; hardpan 100; sand 122; brown shale 128. Water at 128.
Con V	" 1 S.S. # 4 West Luther	Durham Drillers	Sep. 28, 1962	4	20	60	30	"	Topsoil 7; hardpan boulders 55; cement gravel 150; brown limestone 168. Water from 160 to 166.
Con V	" 2 V. Gallacher	G.L. Davidson	May 16, 1962	4	16	32	22	"	Topsoil 1; clay hardpan stones 49; sand 64; quicksand 90; sand hardpan 139; grey rock 152; white rock 172. Water at 172.
Con V	" 13 S.S. # 5 West Luther	Durham Drillers	Sep. 17, 1962	4	10	60	40	"	Topsoil 1; hardpan boulders 40; gravel 45; hardpan stones 103; brown limestone 132. Water from 120 to 130.
Con V	" 15 G. Wilcott	R.H. Gadke	Nov. 20, 1963	5	10	40	40	"	Hardpan gravel 30; gravel clay streaks 136; brown limestone 148. Water at 148.
Con VII	" 4 E. Gamble	Durham Drillers	Jan. 19, 1960	4	10	35	7	"	Brown clay 15; clay boulders 42; gravel 60; hardpan 71; hard white rock 180. Water from 160 to 180.
Con IX	" 21 Grand River Conservation	"	Nov. 28, 1961	4	18	20	18	"	Clay boulders 80; quicksand 96; hard blue rock 105. Water at 103.
Con X	" 4 J. Ryckman	R.H. Gadke	Dec. 6, 1961	5	10	35	30	"	Open well 24; gravel 40; loose brown limestone 60; hard light brown limestone 128. Water at 126.
Con X	" 5 L. McLean	"	Nov. 9, 1961	4	10	35	25	"	Dug well 20; brown loose rock 45; brown limestone 100. Water at 100.
Con XII	" 7 I. Alexander	"	Jun. 19, 1962	4	10	8	Flows 25	"	Clay 30; gravel 65; brown limestone 134. Water at 134.
Con XII	" 14 J.W. Verwey	"	Oct. 25, 1963	4	10	25		"	Gravel 35; sand clay 108; hard brown limestone 130. Water at 130.
Con XIII	" 3 V. Graham	"	Nov. 16, 1962	4	8	18	18	"	Sand 25; sand gravel 59; brown limestone 81. Water at 81.
Con XIII	" 8 G. Wallon	"	Oct. 2, 1961	4	9	4	4	"	Stone topsoil 15; hardpan gravel 40; gravel 58; hardpan 76; sand 80; brown limestone 66; brown grey limestone 128. Water at 128.
Con XIII	" 13 R. Siwell	"	Apr. 15, 1961	4	8	11	11	"	Topsoil 1; gravel boulders 30; hardpan boulders 60; loose brown limestone 92; grey limestone 135. Water at 130.
Con XIV	" 1 R. Small	Durham Drillers	Aug. 2, 1963	4	15	25	17	"	Topsoil 2; gravel stones 20; clay gravel 24; gravel stones 50; clay gravel boulders 71; brown rock 108. Water from 85 to 100.
Con XIV	" 9 H. Wallon	"	Jul. 20, 1963	4	10	35	29	"	Topsoil 3; clay boulders 55; clay sand gravel 66; shale 20; grey rock 101. Water from 80 to 95.

Con I	lot 2	P.U.C.	International Water Supply Ltd. Cross Bros.	Jul. 8, 1963	2	14	20	19	T	Fill gravel clay 4;sand fine sand 23;sand fine sand gravel 22; limestone.
Con I	"	W.L. Campbell	Water Supply Ltd.	Mar. 16, 1962	6	3	140	50	20-63 D	Tonsoll 1;brown clay 16;quicksand 24;fine brown sand 140;
Con I	"	P. Wieble	S. Gull	Dec. 15, 1963	6	5	150	50	D	Brown rock 147. Water at 144.
Con I	"	W.L. Campbell	Water Supply Ltd.	Nov. 6, 1961	6	5	64	59	F	Blue clay 20;silt 165;grey rock 188. Water from 175 to 186.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 3, 1962	6	30	247	35	D	Brown clay 6;blue clay 160;limestone 247. Water at 240.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 22, 1963	36	2	49	47	D	Sand 6;grey clay 24;silt clay 75. Water at 47.
Con I	"	W.L. Campbell	Water Supply Ltd.	Dec. 17, 1963	6	2	180	40	D,S	Brown clay 8;blue clay 170;fine gravel 180. Water at 180.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jun. 15, 1962	8	25	60	55	D,S	Clay loam 15;soft clay 170;sand clay 179;limestone 200.
Con I	"	W.L. Campbell	Water Supply Ltd.	Sep. 30, 1963	36	4	13	11	S	Water at 198.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 6, 1961	27	5	20	14	D	Brown clay 5;brown sand 14;grey sand 25;silt 29. Water at 11.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jun. 24, 1963	27	2	34	19	D,S	Tonsoll 1;brown sand 10;blue clay 14;blue sand 22. Water from 14 to 22.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 7, 1961	36	8	16	10	D	Tonsoll 1;brown sandy clay 12;grey sand 16;grey clay 28;blue sand 33. Water at 13 and 29.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 7, 1961	36	4	28	20	D	Fill 4;Tonsoll 5;brown sandy clay 7;blue clay 8;red fine sand 17;green sand 9. Water at 10.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 7, 1961	36	4	28	20	D	Tonsoll 1;brown clay 11;brown clay rocks 14;blue clay 18;yellow sand 19;coarse blue sand 39. Water from 19 to 28 and from 28 to 39.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 13, 1963	30	2	55	47	D	Tonsoll 1;brown clay sand 18;blue hardpan 47;blue sand 55. Water at 47.
Con I	"	W.L. Campbell	Water Supply Ltd.	Feb. 1, 1963	6	10	70	52	D	Dur well 46;sandy clay 75;coarse sand 80. Water at 80.
Con I	"	W.L. Campbell	Water Supply Ltd.	Sep. 2, 1963	30	5	73	71	D	Brown sand 4;red sugary sand 13;sand hardpan shale 17;fine light grey sand 18;sand shale hardpan 50;sand 58;hardpan shale 68;red sand 68;fine sand 86. Water at 71.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jun. 25, 1963	2			36	T	Red clay 1;silty blue clay 56;blue red clay sandy streaks 62;silty blue clay sand 81;sand fine gravel sand clay 88;sand clay 100;sand fine gravel sandy clay 108;sand dirty clay 147;red blue sandy clay 306;blue clay streaked silt 571;bedrock. Water at 108.
Con I	"	W.L. Campbell	Water Supply Ltd.	Nov. 28, 1963	30	2	44	40	D	Brown sandy clay 9;shale 10;brown sandy clay 15;shale 16;brown sandy clay 18;grey clay 19;brown sand 24;grey clay 20;red sand 43;grey sandy clay 50. Water at 40.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 18, 1962	6				D	Tonsoll 4;brown clay 20;dark sandy silt 52;limestone 101;red shale 124. Dry hole.
Con I	"	W.L. Campbell	Water Supply Ltd.	Nov. 14, 1961	27	8	29	11	D	Tonsoll 1;brown clay 5;shale 6;blue coarse sand 31. Water at 15.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jul. 25, 1962	5	4	14	9	D	Dur well 8;sandy clay 28;fine sand 34;coarse sand 36;grey rock. Water at 36.
Con I	"	W.L. Campbell	Water Supply Ltd.	May 19, 1961	7	2	80	5	T	Loamy clay 35;clay gravel hardpan 43;limestone 80. Water at 43.
Con I	"	W.L. Campbell	Water Supply Ltd.	Nov. 17, 1961	30	2	17	9	D	Tonsoll 1;brown sandy clay 9;blue sand 18. Water at 15.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jun. 27, 1963	30	2	19	8	D	Clay 20. Water at 8.
Con I	"	W.L. Campbell	Water Supply Ltd.	Jun. 27, 1963	2				T	Brown clay 9;blue clay 37;sandy blue clay 69;silty sand 72;sandy blue clay silty streaks 167;silt fine gravel sand clay streaks 189;red blue clay 21;sand blue red clay 24;fine sand clay 286;fine sand sand gravel silt 274;fine sand sand silt 295;hard red blue clay bedrock 297.

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LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Ancester Twp. - cont. Con I lot 41	P.U.C.-Ancester	International Water Supply Ltd.	Jul. 3, 1963	2	60	Flows	Flows	Fresh	T	Fill 4; blue clay 31; sandy blue clay 65; sand fine sand clay 74; sandy blue clay 98; fine sand silt 160; blue sandy clay 377; gravel sand boulders clay 377; red clay gravel streaks 344; clay gravel sand streaks 346; limestone. Water at 327.
Con I	"	"	Jul. 11, 1963	2		"	"	"	T	Brown sandy clay 8; blue clay 11; fine brown sand 13; blue clay 20; blue clay sandy gravel 47; blue clay streaks fine sand 67; fine sand sand silt 91; blue sandy clay 95. Water at 67.
Con I	"	"	Jul. 16, 1963						T	Brown clay sand 5; blue sandy clay 72; blue clay gravel 76; fine sand silt clay 101; sandy blue clay 117; fine sand fine gravel silt clay 146; brown blue hard clay 290; blue clay hard gravel 313; sandy grey clay gravel streaks hard cracked broken limestone 316; blue clay sandy hard pecked 331; red clay shale 345.
Con I	"	"	Jul. 19, 1963	2			Flows	Fresh	T	Fill 6; blue sandy clay 38; fine sand silt fine gravel 41; sandy blue clay 50; sand fine gravel silt 64; sand fine sand silt clay streaked 70; blue hard clay 74. Water at 50.
Con I	"	"	Jul. 30, 1963	2			"	"	T	Fill 6; blue sandy clay 37; fine sand silt fine gravel 40; sandy blue clay 51; sand fine sand silt fine gravel 70; blue soft clay 82; fine sand silt clay streaks 85; blue clay 94; fine sand silt clay streaks 97; blue hard clay 126; soft blue clay silt clay streaks 164; blue clay gravel 165; blue hard clay 271 sandy red blue clay 284; gravel boulders sand sandy clay hard packed 220; gravel boulders sand 302; sandy blue clay 309; red blue clay shale 311.
Con I	"	E.E. Longstreet	Dec. 16, 1960	6					N	Due well 21; hard sandy brown clay 28; soft reddish clay 33. Brown clay 45; soft cream coloured clay stones 48. Dry hole. Tonsoil 1; brown clay 18; brown sand 40; quicksand 100; red shale 170. Water at 140.
Con I	"	Cross Bros.	Aug. 18, 1962	6	1		100	Salty		Brown clay 11; blue clay 42; quicksand 43; grey clay 78; light brown hardpan 83; grey clay stones 110. Dry hole.
Con I	"	E.E. Longstreet	Nov. 11, 1960							Tonsoil 1; reddish brown clay 60; cream coloured clay 78; reddish brown sandy clay 90; red brown clay 135. Dry hole.
Con I	"	"	Nov. 25, 1960	6						Yellowish brown clay 16; grey clay 124; dirty fine sand clay 130; red sand 143; grey clay 177; sand fine gravel clay seams 183; grey clay 184. Water at 124 and 128.
Con I	"	G.J. Wallis	Jul. 25, 1960	6	3	125	70	Fresh	D	Grey silt 148; red shale 150. Water at 150.
Con I	"	S.W. Merritt	May 27, 1961	6	7	105	25	"	D	Due well 47; blue clay 148; limestone 162. Water at 157.
Con II	"	F. Ince	Mar. 17, 1962	6	15	142	24	"	D,S	Brown clay 40; blue clay 146; limestone 177. Water at 105.
Con II	"	"	Aug. 14, 1962	6	1	197	30	Sulphur	S	Due well 26; soft grey clay 140; muddy brown sand 145; grey limestone 168. Water at 163.
Con II	"	"	Oct. 9, 1962	6	8	177	40	"	D,S	Grey clay 25; sandy silty grey clay 118; limestone 150. Water at 145.
Con II	"	W. Packham	Jul. 27, 1963	6	25	65	55	"	D	Sandy clay 169; limestone 172. Water at 170.
Con II	"	"	Jan. 8, 1960	5	15	90	80	Sulphur	D,S	Due well 25; blue clay 166; limestone 170. Water at 169.
Con II	"	J.L. Graham	Jul. 25, 1963	6	25	40	20	Fresh	S	Brown clay 20; blue clay 150; sandy clay 170; red clay 176.
Con II	"	W. Packham	Feb. 9, 1961	6	20	70	35	"	D	
Con II	"	A.M. Canuto	Jul. 24, 1961	6	6	100	50	"	S	
Con II	"	R. Schleissner	Jul. 27, 1962	6	12	170	60	"	D,S	
Con II	"	F. Ince	Aug. 21, 1963	6 1/2	24	70	60	Sulphur	D,S	

Ancester Con II	R. Dreidge	H. Johnson	Nov. 5, 1963	36	2	46	40	Fresh	D
Con II	" 20 G. Dymant	F. Ince	Nov. 28, 1963	6	80	193	40	"	D.S
Con II	" 20 E. Dymant	H. Johnson	Sep. 7, 1963	30	3	30	20	"	D.S
Con II	" 28 R. Emick	"	Oct. 8, 1963	36	5	20	19	"	D.S
Con II	" 31 G. Dearsley	F. Ince	May 5, 1963	6	8	345	60	Salty	N
Con II	" 32 O. Aikens	H. Johnson	Jul. 4, 1963	30	5	44	42	Fresh	D
Con II	" 33 P.U.C. Ancaster	International Water Supply Ltd.	Jun. 5, 1963	2					8-63
Con II	" 33	"	Jun. 11, 1963	2			72		T
Con II	" 38	"	Jul. 4, 1963						9-63
Con II	" 40	"	Jan. 18, 1960	10					T
Con II	" 40	"	Jan. 27, 1960	6	35	16	Flows	Fresh	T
Con II	" 40	"	Feb. 3, 1960	10				Sulphur	1-60
Con II	" 40	"	Jul. 25, 1960	5					2-60
Con II	" 40	"	Nov. 10, 1961	30	28	33	10	Fresh	3-60
Con II	" 41	Hadco Well Digging International Water Supply Ltd.	Aug. 8, 1960	4	25	71	70	"	D
Con II	" 41	"	Aug. 28, 1960	5					T
Con II	" 42	"	Feb. 8, 1963						2-60
Con II	" 45	"	Jul. 31, 1963						T
Con II	" 46	S. Gill	Oct. 1, 1960	6	1	37	18	Fresh	19-63
Con II	" 46	R.M. Saunderson	Mar. 5, 1963	6	2	82	44	Sulphur	T

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Ancestor Twp. - cont. Con II	W. Munn	E. Constable	Sep. 2, 1961	6	5	20	5	Fresh	D	Topsoil 5; brown sand 18; blue clay 20; limestone 34. Water at 28.
Con II	R. McDermot	F. Ince	Oct. 30, 1961	6	12	60	20	"	D	Brown clay 3; stony blue clay 38; limestone 60. Water at 60.
Con II	E. Mess	W.E. Scriven	Oct. 2, 1962	6	3	32	20	"	D	Brown clay 15; blue clay 36; limestone 46. Water at 45.
Con II	H.W. Syholm	F. Ince	Aug. 15, 1960	6	1	80	35	"	D	Brown clay 5; blue clay 45; limestone 80. Water at 80.
Con II	Christie	Cross Bros.	Feb. 21, 1961	6	5	32	20	"	P	Topsoil 7; brown clay 33; grey limestone 43. Water at 43.
Con II	Reform Church	F. Ince	Jun. 6, 1963	6	8	35	25	"	D	Brown clay 8; blue clay 29; limestone 39. Water at 36.
Con II	H. Kurz	"	Mar. 5, 1963	6	2	50	20	"	D	Brown clay 6; blue clay 28; limestone 50. Water at 45.
Con II	P. Berzins	W. Packham	Mar. 17, 1961	8	1	75	35	"	D	Brown clay 37; limestone 75. Water at 55.
Con II	H. L. Davis	P. Ince	Apr. 18, 1962	6	20	100	25	"	D, S	Brown clay 6; blue clay 14; limestone 156. Water at 152.
Con III	H. Croff	"	Jun. 20, 1960	6	3	152	28	"	D	Loam 3; blue clay 176; limestone 152. Water at 152.
Con III	S. Schoman	J.B. Rutten	Apr. 4, 1963	6	1	157	36	"	D	Buff clay 15; blue clay 40; soft grey clay 134; grey limestone 157. Water at 142.
Con III	J.B. Woods	"	Jul. 4, 1963	6	1	160	35	"	D	Brown clay 8; blue clay 15; grey limestone 160. Water at 159.
Con III	S. Schoenen	F. Ince	Feb. 25, 1961	6	3	65	50	"	D	Topsoil 4; brown clay 50; blue clay 136; limestone 150. Water at 150.
Con III	C. Armstrong	W.E. Scriven	Jan. 31, 1961	6	3	65	35	"	D	Topsoil 2; brown clay 90; blue clay 131; limestone 142. Water at 142.
Con III	R. Quarter	"	Aug. 23, 1963	30	3	30	10	"	D	Brown sandy clay 10; blue clay silt 43. Water at 10.
Con III	B. Hewitson	H. Johnson	May 2, 1963	36	3	25	20	"	P	Brown clay 10; blue clay 28; silt sand clay layers 38. Water from 28 to 38.
Con III	G. Markie	"	Nov. 15, 1963	36	2	39	36	"	D	Brown sandy clay 9; blue clay 20; grey sand clay layers 36; silt 50. Water at 36.
Con III	R. & E. Henderson	"	Apr. 29, 1963	6	16	60	35	Sulphur	S	Quicksand clay 157; limestone 198. Water at 198.
Con III	J.A. Plas	S.W. Merritt	Mar. 25, 1960	6	10	60	15	Fresh	T	Topsoil 2; brown clay 25; sandy soil 60; grey clay 122; limestone 128. Water at 128.
Con III	H.O. Annason	W.E. Scriven	May 23, 1963	6	2	100	50	Fresh	T	Red sandy clay 5; blue clay 15; fine sand silt 36; silt blue clay 146; red rock.
Con III	P.U.C. Ancestor	International Water Supply Ltd.	May 22, 1963	6	10	100	50	Fresh	5-63	Red sandy clay 5; fine sand silt 31; soft blue clay silty streaks 127; bedrock.
Con III	"	"	Jul. 23, 1961	6	10	100	50	Fresh	4-63	Topsoil 3; sandy loam 20; fine sand 56; quicksand 170; fine sand 200; coarse gravel 202. Water at 202.
Con III	K. MacLaren	Cross Bros.	May 17, 1963	6	10	100	50	Fresh	D	Red blue clay 11; fine sand silt 52; soft silty blue clay 136; bedrock.
Con III	P.U.C. Ancestor	International Water Supply Ltd.	May 16, 1963	6	10	100	50	Fresh	T	Red sandy clay 7; blue clay 12; silt clay streaks 71; soft blue clay 142; blue clay gravel 144; bedrock.
Con III	"	"	May 27, 1963	6	10	100	50	Fresh	1-63	Sandy red clay 5; sand gravel 7; blue clay 15; sandy clay, clay streaks 49; soft blue clay silty streaks 131; broken limestone 132; bedrock.
Con III	"	"	May 24, 1963	6	10	100	50	Fresh	7-63	Sandy red clay 26; blue clay sandy silt streaks 159.
Con III	"	"	Jun. 12, 1962	6	4	135	25	Fresh	T	Soft clay 90; limestone 139. Water at 125 and 130.
Con III	F. McDonnell	W. Packham	Oct. 10, 1962	30	2	52	42	"	D	Topsoil fill 1; brown clay 3; brown sand 13; brown sandy clay 27; red sand 34; blue sand 37; blue clay 42; blue coarse sand 52; Water at 42.
Con III	Bethesda-School	Haddonwell Digging	Sep. 6, 1963	6	1	160	53	"	P	Sandy soil 21; quicksand 35; sandy soil 80; blue clay 98; quicksand 125; limestone 167. Water at 165.
Con III	Twp Ancestor	Cross Bros.	Dec. 3, 1963	30	4	8	9	"	D	Brown sand 6; grey sand 7; brown sand 9; red medium coarse sand 15; grey sandy clay 18. Water at 9.

Ancaster Con III	Twp. - Con III	lot 44	F.S. Wilkinson	W. Packham	Jun. 5, 1961	6	15	120	45	Fresh	D	Sandy loam 40; sand loam clay 100; clay gravel 104; limestone 145. Water at 140.
Con III	"	"	"	"	Apr. 7, 1962	6	1	145	45	"	D	Clay 30; sandy clay 45; sand 60; silty sandy clay 95; clay 104; limestone 145. Water at 120 and 132.
Con III	"	"	"	"	Sep. 22, 1962	6	1	145	36	"	D	Dug well 20; clay 50; fine sand 60; clay 97; limestone 161. Water at 140 and 155.
Con III	"	"	"	"	Sep. 26, 1962	5	15	45	35	"	D	Old dug well 18; sandy clay 53; medium coarse sand 60. Water at 60.
Con III	"	"	"	International Water Supply Ltd.	Sep. 12, 1960	2	5	34	"	"	T	Topsell 1; brown clay 15; grey blue clay gravel 22; fine sand 44; blue clay 50; fine sand clay streaks 95; blue clay 105; limestone. Water at 95.
Con III	"	"	"	"	Aug. 15, 1960	5					T	Brown clay 11; sandy brown clay 15; blue clay 28; fine sand clay 32; fine sand 38; blue clay 43; fine sand clay streaks 94; blue clay 96; fine sand clay streaks 103; limestone. Water from 94 to 103.
Con III	"	"	"	"	Aug. 18, 1960	2					T	Brown clay 10; fine sand clay streaks 28; blue clay 39; fine sand fine gravel clay 55; fine sand clay 102; limestone. Water at 55.
Con III	"	"	"	"	Aug. 22, 1960						T	Sandy red clay 10; blue clay 18; brown blue clay streaked 21; blue clay 36; fine sand clay 61; fine sand clay streaks 86; blue hard clay 95; limestone. Water from 61 to 86.
Con III	"	"	"	W. Packham	Jan. 11, 1961	5	10	30	15	Fresh	D	Sandy clay 55; fine sand 65. Water from 55 to 65.
Con III	"	"	"	F. Ince	Mar. 24, 1962	6	5	109	35	"	D	Brown clay 4; sandy clay 80; blue clay 91; grey limestone 100.
Con III	"	"	"	"	May 28, 1962	6	13	130	30	"	D	Water at 107.
Con III	"	"	"	"	Sep. 13, 1962	6	7	124	38	"	D, S	Brown clay 4; sandy clay 110; limestone 130. Water at 115.
Con III	"	"	"	"	Jul. 20, 1961	6	10	15	3	"	D	Brown clay 6; sandy clay 90; blue clay 108; limestone 194. Water at 120.
Con IV	"	"	"	W.E. Scriven	Jun. 1, 1962	6	15	80	35	"	D, S	Topsell 2; brown clay 10; sandy soil 19; coarse gravel 21. Water at 21.
Con IV	"	"	"	F. Ince	May 8, 1963	36	3	26	19	"	D	Brown clay 4; blue clay 119; limestone 124. Water at 124.
Con IV	"	"	"	H. Johnson	Jul. 21, 1961	2	10	4	4	"	D	Sand 2; clay streaks sand 26; silty fine gravel 40. Water from 20 to 40.
Con IV	"	"	"	Allard Bros.	Mar. 19, 1960	6	1	144	27	Sulphur	D	Brown clay rocks 90; grey shale 101. Water at 90.
Con IV	"	"	"	G.J. Wallis	Jun. 20, 1961	6	1 1/2	110	20	Fresh	D	Light brown clay 28; grey clay 106; grey limestone 158. Water at 155.
Con IV	"	"	"	E. Constable	Jan. 14, 1960	10	1	130	38	"	P	Topsell 4; brown sandy loam 15; blue clay 25; blue muck 100; limestone 110. Water at 106.
Con IV	"	"	"	W. Packham	Apr. 15, 1963	36	30	15	8	"	D	Light brown clay 20; grey clay 20; heavy grey clay 91; grey limestone 132. Water at 112.
Con IV	"	"	"	H. Johnson	Jul. 15, 1961	6	2	100	60	"	D	Hard brown clay 11; blue clay 26. Water at 11.
Con IV	"	"	"	E. Constable	Aug. 29, 1961	6	2	90	30	"	D	Topsell 4; brown sandy loam 28; blue muck 75; limestone 100. Water at 80.
Con IV	"	"	"	Cross Bros.	Jul. 27, 1961	27 1/2	4	74	45	"	D	Topsell 2; brown clay 20; quicksand 36; fine sand 69; blue clay 80; limestone 102. Water at 100.
Con IV	"	"	"	Haddock Well Digging	Dec. 12, 1961	6	3	120	32	"	D	Topsell 1; brown clay 17; blue clay 25; blue sand 39; blue clay 51; red sand 65; blue clay 75. Water at 30 and 75.
Con IV	"	"	"	W. Packham	Nov. 28, 1961	6	10	60	40	"	D	Dug well 27; grey clay 80; limestone 120. Water at 95 and 115.
Con IV	"	"	"	Cross Bros.	Aug. 21, 1962	5	1 1/2	150	65	"	D	Topsell 1; sandy loam 20; sand 43; outcrop sand 93; blue clay 125; limestone 129. Water at 127.
Con IV	"	"	"	W. Packham	Jan. 11, 1963	6	15	90	50	"	D	Old drilled well 177; limestone 179. Water at 170.
Con IV	"	"	"	F. Ince	Jul. 7, 1962	5	7	30	25	"	D	Dug well 17; blue clay 103; limestone 115. Water at 112.
Con IV	"	"	"	Haddock Well Digging	May 23, 1962	30	2	30	23	"	D	Dug well 17; sandy clay 46; fine sand 50. Water at 47.
Con IV	"	"	"	"							D	Topsell 1; brown clay 15; blue grey clay 24; brown sand 26; blue clay 30. Water at 23.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont.										
Apogaster Twp. -cont.										
Con IV lot 47	Hart Bros.	H. Johnson	Nov. 20, 1963	30	7	9	8	Fresh	D	Brown sand clay 4; grey sand 8; red sand fine gravel 10; hard clay stone 13. Water at 8.
Con IV	D. Burgein	"	Nov. 16, 1963	30	5	10	9	"	D	Brown sand clay 4; grey sand 9; red coarse sand 12; hard clay stone 15. Water at 9.
Con V	J. Bytoma	S. Cill	Jan. 10, 1962	6	2 1/2	34	22	Sulphur	D	Brown clay 3; grey clay 74; gravel rock 162. Water at 100 and 145.
Con V	W. C. King	W. Packham	Sep. 1, 1962	6	1	120	30	Fresh	D	Brown clay 3; grey clay 1; blue clay 4; red sand 46; blue green clay 52; blue sandy clay 63. Water at 42 and 52.
Con V	F. G. Braithwaite	Hadcoell Digging	Jul. 6, 1961	30	5	63	33	"	D	Brown clay 70; blue clay 60; quicksand 79; limestone 95. Water at 90.
Con V	R. Borchman	Cross Bros.	Aug. 4, 1961	6	3	80	30	"	D, S	Grey clay 73; limestone 117. Water at 90 and 115.
Con V	L. Boers	W. Packham	Dec. 18, 1961	6	2 1/2	117	35	"	S	Previously drilled 100; grey white limestone bedrock 120; dark grey limestone bedrock 142. Water at 127 and 140.
Con V	Wentworth Works Machinery	H. Emberton & Son	Jan. 13, 1960	6	4	132	18	Sulphur	In	
Con V	W. Baron	E. Constable	Apr. 10, 1961	6	12	90	10	Fresh	D	Topsoil 3; sandy loam 50; blue clay 75; limestone 92. Water at 90.
Con V	G. Mallett	W. Packham	Oct. 27, 1960	6	7	50	28	"	D	Brown clay loam 69; limestone 73. Water at 71.
Con VI	J. Williams	Cross Bros.	Sep. 6, 1960	6	10	40	30	"	D	Brown clay 50; fine sand 70; medium gravel 84. Water at 84.
Con VI	F. Smid	"	Nov. 29, 1960	6	2	90	30	"	D	Topsoil 2; brown clay 30; quicksand 55; blue clay 65; limestone 100. Water at 90.
Con VI	J. Wede	W. Packham	Oct. 2, 1961	6	2	80	23	"	D	Grey clay 30; silty clay 35; grey clay 64; limestone 82. Water at 75.
Con VI	P. Storozechuk	E. Constable	Nov. 3, 1963	6	3	70	60	"	D	Topsoil 4; brown clay 70; gravel 75; limestone 80. Water at 78.
Con VI	G. Calder	Cross Bros.	May 15, 1961	6	10	20	12	"	D	Topsoil 2; brown clay 34; quicksand 64; blue clay 74; limestone 76. Water at 76.
Con VII	J. Lewis	E. Constable	Nov. 26, 1961	6	1 1/2	25	20	"	D	Topsoil 5; blue clay 73; limestone 90. Water at 85.
Con VII	J. McClure	Cross Bros.	Apr. 19, 1961	6	2	35	25	"	D	Topsoil 2; brown clay 20; blue clay 46; quicksand 60; fine sand 63; limestone 76. Water at 74.
Beverley Twp.										
Con I lot A	B. Bannister	W. Packham	Jan. 9, 1961	6	20	25	21	Fresh	D, S	Sandy clay 30; sand gravel 130; gravel 140; shale 145. Water at 142.
Con I	W. Scott	Cross Bros.	Mar. 27, 1962	6	3	160	55	"	D, S	Topsoil 1; brown clay 20; quicksand 95; fine brown sand 150; brown rock 167. Water at 160.
Con I	I. Mirkovic	P. Ince	Jul. 4, 1962	6	3	150	35	"	D, S	Brown clay 6; blue clay 14; shale 150. Water at 149.
Con I	C. Taylor	"	Jul. 20, 1963	6	5	167	45	Sulphur	D, S	Brown clay 10; blue clay 120; quicksand 155; limestone 167. Water at 156.
Con I	R. Ramey	"	Sep. 11, 1962	6	10	121	50	Fresh	D	Brown clay 6; clay 125; gravel 132. Water at 131.
Con I	L. Wilson	S. Cill	Apr. 24, 1962	6	5	10	45	"	D	Dug well 40; sandy clay 122; grey rock 170. Water at 155 and 168.
Con I	T. M. Spratt Ltd.	W. Packham	Nov. 9, 1960	6	3	175	45	"	S	Dug well 30; silty sandy clay 155; limestone 126. Water at 156.
Con I	C. Mannon	P. Ince	Jul. 17, 1962	6	1 1/2	170	35	"	C	Brown clay 6; blue clay 142; limestone 170. Water at 157.
Con I	W. Vansickle	S. Cill	Dec. 7, 1960	6	5	52	44	"	D	Grey clay 20; sandy clay 154; grey limestone 161. Water at 158 and 160.
Con I	R. C. Thomson	"	Nov. 11, 1961	6	10	70	45	"	D	Brown clay 20; sandy clay 100; fine sand 142; grey clay 148. Water at 147.
Con I	J. Sharp	"	Jan. 19, 1962	6	10	80	49	"	D	Brown clay 9; sandy clay 100; fine sand 146; brown rock 151. Water at 150 and 151.
Con I	C. Capeman	H. Johnson	May 2, 1963	36	1 1/2	30	4	"	D	Sand 6; brown clay 13; sand 14; blue clay silt 32. Water at 4.
Con I	H. Bishop	P. Ince	Apr. 11, 1963	6	3	196	35	"	D, S	Brown clay 10; blue clay 190; coarse gravel 196. Water at 196.
Con I	J. Michalko	"	Oct. 16, 1963	6	0	0	0	"		Brown clay 8; quicksand 60; blue clay 108; blue shale 274. Dry hole.

Beverly Con I	Wp. - Con I	-cont. Con I	D. Weaver P.N. Franklin	H. Johnson	Feb. 18, 1963 Nov. 29, 1963	36 36	30 5	22 19	16 16	Fresh "	D S	
Con I	"	"	"	"	Jun. 25, 1963	36	45	5	4	"	D	Sandy clay 4; sand silt 28. Water at 19.
Con I	"	"	"	"	Apr. 1, 1963	36	45	6	5	"	D	Brown sand 9; grey reddish sand 16; hard clay 18; sandy clay 26; soft clay 27; reddish grey silt 35. Water at 16.
Con I	"	"	"	"	Oct. 17, 1961	36	25	316	140	"	D, S	Sand 5; silty sand 11; medium coarse sand 15. Water at 5.
Con I	"	"	"	"	Nov. 11, 1963	36	5	14	12	"	D	Fine sand 10; coarse sand 13; fine sand silt 16. Water at 6.
Con I	"	"	"	"	May 29, 1961	36	10	150	11	"	D	Brown clay 4; blue clay 264; limestone 212; red shale 316. Water at 300.
Con I	"	"	"	"	Aug. 26, 1963	36	5	15	17	"	D	Brown sand 12; reddish brown sand shale 28.
Con I	"	"	"	"	Jun. 19, 1963	36	4	52	44	"	D	Water at 17.
Con I	"	"	"	"	Jun. 20, 1963	30	5	65	64	"	D	Brown sand 28; grey sand 56; light grey sand 64; red coarse sand 72. Water from 64 to 72.
Con I	"	"	"	"	Aug. 22, 1961	6	10	150	80	"	D	Medium fine grey sand 44; clay silt layers 72. Water at 44.
Con I	"	"	"	"	Aug. 25, 1960	6	1 1/2	121	64	"	D	Brown clay 6; sandy clay 60; blue clay 136; grey limestone 176.
Con I	"	"	"	"	Aug. 24, 1961	6	30	132	50	"	D	Water at 176.
Con I	"	"	"	"	Aug. 25, 1961	6	25	132	75	"	D	Water at 127.
Con I	"	"	"	"	Jun. 12, 1963	6	3	160	50	"	D, S	Water at 128.
Con II	"	"	"	"	Mar. 1, 1960	6	2	145	35	"	D, S	Brown clay 15; blue clay 150; limestone 160. Water at 155.
Con II	"	"	"	"	Jul. 12, 1960	6	8	57	42	"	D	Gravel clay 47; limestone 132. Water at 90.
Con II	"	"	"	"	Oct. 31, 1961	6	8	45	30	"	D	Loam 3; blue clay 119; limestone 145. Water at 145.
Con II	"	"	"	"	Jan. 7, 1960	6	2	140	45	"	D, S	Dug well clay 39; limestone 66. Water at 65.
Con II	"	"	"	"	Mar. 6, 1960	6	10	32	20	"	D	Brown clay 15; grey clay 33; grey rock 64. Water at 63.
Con II	"	"	"	"	Oct. 28, 1960	6	8	18	11	"	D	Brown clay 2; blue clay 115; limestone 140. Water at 51.
Con II	"	"	"	"	Oct. 31, 1960	6	8	45	36	"	D	Brown clay 10; sandy clay 18; grey limestone 52. Water at 52.
Con II	"	"	"	"	Aug. 21, 1963	6	2	7	36	"	D	Brown clay 8; grey rock 53. Water at 31.
Con II	"	"	"	"	Dec. 21, 1961	6	2	60	50	"	D, S	Brown clay 7; grey clay 32. Water at 45.
Con II	"	"	"	"	Jul. 12, 1963	6	20	33	18	"	D, S	Brown clay 1; grey clay 32. Water at 50 and 55.
Con II	"	"	"	"	May 2, 1962	6	4	5	17	"	D	Sandy clay 50; blue clay 80; sandy clay 115; grey rock 141.
Con II	"	"	"	"	May 28, 1960	6	6	31	16	"	D	Water at 114.
Con II	"	"	"	"	Dec. 30, 1963	36	3	18	23	"	D	Brown clay 10; blue clay 109; limestone 119. Water at 117.
Con II	"	"	"	"	Nov. 15, 1963	6	9	40	23	"	S	Dug well 30; fine sand 53; blue clay 54; fine clay 63; grey rock 79. Water at 78.
Con II	"	"	"	"	Nov. 21, 1961	5	2	23	18	"	S	Brown clay 15; sandy clay 50; blue clay 70; fine sand 74; grey rock 82. Water at 80.
Con II	"	"	"	"	Nov. 22, 1961	6	10	85	30	"	D	Brown clay 10; grey sand 66; grey rock 84. Water at 80.
Con II	"	"	"	"	Nov. 8, 1961	6	4	140	15	"	D	Brown sand 9; silt 13; clay 20; silt 26; hard sand 30; silt 40. Water at 9.
Con II	"	"	"	"	Apr. 11, 1962	30	2	29	12	"	D	Brown sand 9; silt 13; clay 20; silt 26; hard sand 30; silt 40. Water at 9.
Con II	"	"	"	"						"	D	Dug well 95; sandy clay 50; fine sand 56; grey rock 69. Water at 65.
Con II	"	"	"	"						"	S	Sandy clay 35; grey clay 55; fine sand 65; blue clay 100; sand clay 132; grey rock 175. Water at 150 and 165.
Con II	"	"	"	"						"	D	Brown clay 4; blue clay 62; limestone 85. Water at 85.
Con II	"	"	"	"						"	D	Yellow loam 10; silt clay 50; sandy clay 110; clay 132; limestone 145. Water at 140.
Con II	"	"	"	"						"	D	Tonsol 1; brown sandy clay 8; blue sand 16; blue clay 21; blue sand 30. Water at 12 and 21.

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APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont.										
Beverley Twp. - lot 33	Sunshine Const. Co.	G.J. Wallis	Oct. 16, 1961	6	3	106	32	Fresh	D	Light brown sand clay 14; sandy grey clay 65; grey clay 106; grey limestone 116. Water at 115.
Con II	Dundas	S. Gill	Oct. 18, 1960	6	10	20	15	"	In	Sandy clay 50; fine sand 70; grey rock 100. Water at 90.
Con II	H. H. Walid	F. Ince	Oct. 9, 1961	6	5	175	40	Sulphur	D, S	Brown clay 4; blue clay 92; limestone 131. Water at 131.
Con II	H. Gilman	"	Oct. 6, 1962	6	1	140	50	Fresh	D	Brown clay 10; sandy clay 90; blue clay 121; rock 145. Water at 1408.
Con III	G.W. Robertson	W. Packham	May 8, 1961	7	10	90	60	Sulphur	S	Brown clay 30; sandy clay 117; limestone 140. Water at 135.
Con III	H. Klose	S. Gill	Jan. 11, 1961	6	4	21	16	"	"	Brown clay 15; sandy clay 38; grey limestone 55. Water at 48.
Con III	G. Mosner	"	Aug. 1, 1961	6	1	17	15	Fresh	D	Brown clay 25; grey rock 68. Water at 60.
Con III	Troy United Church	"	Jun. 1, 1961	6	10	70	50	"	D	Brown clay 30; fine sand 45; grey rock 78. Water at 77.
Con III	G. Brown	"	Oct. 4, 1961	6	10	49	35	Sulphur	D	Brown clay 15; grey clay 29; grey limestone 66. Water at 65.
Con III	C. J. Nisnel	"	Oct. 3, 1961	6	15	45	33	"	"	Brown clay 12; grey limestone 47. Water at 46.
Con III	W. Nisbet	G. Hill	Feb. 15, 1963	4	12	65	19	"	D, S	Clay sand mixed 69; blue grey rock 160. Water at 160.
Con III	J. Whetnam	S. Gill	May 18, 1962	6	12	38	5	Fresh	"	Grey clay 10; sandy clay 44; grey rock 58. Water at 50 and 56.
Con III	P. Taylor	R. Embleton & Son	Jun. 28, 1960	6	30	17	14	"	D	Brown clay 12; grey clay 41; sort blue clay 51; limestone 83. Water from 79 to 83.
Con III	P. Massey	W.E. Scriven	Oct. 2, 1961	6	5	30	22	"	D	Topsoil 2; brown clay 30; sort sandy soil 45; grey clay 50; limestone 58. Water at 48.
Con III	J. Whetnam	S. Gill	Apr. 12, 1962	6	15	35	16	Sulphur	D	Sandy clay 42; grey rock 65. Water at 55 and 62.
Con III	M. Hugill	C. J. Wallis	Mar. 6, 1962	6	8	36	10	Fresh	D	Sandy clay 41; grey limestone 76. Water at 60 and 75.
Con III	Ont. Dept. of Highways	W. Ward	Oct. 3, 1962	6	2	94	14	"	"	Dug well 22; grey clay 31; white limestone 104. Water at 98.
Con III	"	"	Mar. 8, 1963	36	4	19	14	Fresh	D, S	Brown clay 5; reddish brown clay 25; solid rock. Water at 15. Blue clay 15; blue clay 25; solid rock. Water at 15. Blue clay 5; reddish brown clay 9; reddish blue clay 15; blue clay 23; limestone. Dry hole.
Con III	W. Hanes	S. Gill	Oct. 31, 1961	7	4	19	14	Fresh	"	Brown clay 15; sandy clay 21; grey limestone 87. Water at 50 and 86.
Con IV	H.J. Cromwell	"	Aug. 13, 1962	6	20	13	6	Sulphur	D	Dug well 8; grey rock 20. Water at 20.
Con IV	T. Vanderhoff	"	May 11, 1963	6	4	50	10	Fresh	"	Sandy clay 46; grey rock 56. Water at 55.
Con IV	P. B. Hanel	"	Dec. 5, 1963	6	10	20	13	Sulphur	S	Blue clay 24; grey rock 160. Water at 68 and 95.
Con IV	O. Robb	"	Dec. 30, 1963	6	9	90	30	"	S	Grey clay 40; clay sand 56; grey rock 115. Water at 90 and 115.
Con IV	A. Naeel	"	Nov. 5, 1963	6	9	20	12	Fresh	"	Grey clay 9; grey rock 42. Water at 40.
Con IV	R. Dewit	"	Dec. 18, 1961	6	8	5	7	"	"	Brown clay 1; grey rock 60. Water at 45 and 58.
Con IV	J. Shaw	"	Mar. 28, 1963	6	30	14	8	"	"	Brown clay 6; grey rock 22. Water at 20.
Con IV	T. Mackay	"	Jun. 13, 1960	6	6	21	15	"	"	Brown clay 2; grey rock 38. Water at 28 and 35.
Con IV	D. Laidlaw	"	Mar. 11, 1963	6	6	21	15	"	"	Brown clay 12; sandy clay 20; grey rock 60. Water at 45 and 38.
Con IV	J. Varny	"	May 24, 1963	6	10	30	12	"	"	Sandy clay 19; grey rock 40. Water at 55 and 68.
Con IV	J. Ben Otter	C. Hill	May 25, 1960	6	2	65	20	"	"	Shale 8; bluish grey rock 60. Water at 60.
Con IV	L. Leffler	S. Gill	Jul. 10, 1961	6	6	11	8	"	"	Brown clay 2; grey rock 33. Water at 35.
Con IV	"	"	Jul. 12, 1961	6	1	11	8	"	"	Brown clay 1; grey rock 44. Water at 30.
Con IV	"	"	Aug. 12, 1963	6	10	32	21	"	"	Brown clay 4; grey rock 25; brown rock 52. Water at 45 and 50.
Con IV	G. Haines	"	Sep. 1, 1960	6	5	32	12	"	"	Grey clay 23; brown limestone 34. Water at 33.
Con IV	"	"	"	6	10	32	12	"	"	Brown clay 2; grey rock 64. Water at 62.
Con IV	T. Two, Beverley	"	Apr. 30, 1962	6	4	10	6	"	"	Clay 3; grey rock 41. Water at 41.
Con IV	M. Slack	C. Hill	May 24, 1963	6	10	16	6	"	"	Brown clay 15; fine sand 21; grey rock 36. Water at 25 and 35.
Con IV	L. Thompson	S. Gill	Jun. 13, 1961	6	3	70	2	"	"	Previously drilled well 41; grey limestone 73. Water at 73.
Con IV	J. Dillon	C. Hill	Dec. 23, 1963	6	1	70	2	"	"	Brown clay 31; limestone 57. Water at 50 and 55.
Con IV	P. Edworthy	S. Gill	Mar. 25, 1960	6	5	25	20	"	"	Brown clay 10; sandy clay 18; grey limestone 51. Water at 31 and 49.
Con IV	P. J. Haines	"	Aug. 16, 1960	6	4	11	10	"	"	Dug well 18; quicksand 47; blue clay 66; limestone 76. Water at 75.
Con IV	"	Gross Bros.	Oct. 29, 1963	6	5	50	15	"	"	

Beverly Twp. - cont.		S. Gill		6		7		12		Fresh		D		Grey clay 2; grey rock 40. Water at 40.	
Con IV	25	W. Coop	lot 25	6	6	19	10	19	14	"	"	D	D	Grey rock 40. Water at 38.	
Con IV	26	E. Orelmeyer		6	6	10	10	19	14	"	"	D	D	Grey rock 40. Water at 30.	
Con IV	27	A. Voss		6	6	10	10	19	14	"	"	D	D	Grey rock 40. Water at 40.	
Con IV	28	H.S. Rose		6	6	10	10	28	14	"	"	D	D	Sandy clay 2; grey limestone 47. Water at 46.	
Con IV	29	B. Dage		6	6	7	20	14	10	"	"	D	D	Dug well 28; grey rock 48. Water at 46.	
Con IV	30	H. Bourg		6	6	5	18	10	10	"	"	D	D	Brown clay 6; fine sand 26; sandy gravel 30; grey limestone. Water at 28.	
Con IV	31	J. Sparks		6	6	10	15	5	5	"	"	D	D	Grey clay 5; grey rock 41. Water at 40.	
Con V		C. Hall		4	3	65	3	65	Flows	Sulphur	"	D	D	Sticky clay 23; hard blue rock 73. Water at 73.	
Con V		H. Walder		4	12	60	26	60	26	Fresh	"	D	D	Pit 6; clay 50; grey limestone 81. Water at 81.	
Con V		S. Gill		6	6	9	68	9	31	Sulphur	"	D	D	Dug well 11; clay 23; rock 80. Water at 75.	
Con V		C.A. Boone		6	10	60	31	60	31	"	"	D	D	Blue clay 20; sandy clay 45; fine sand 5; grey rock 100. Water at 80 and 95.	
Con V		M. Seibok		6 1/2	8	31	16	31	16	"	"	D	D	Grey clay 5; grey rock 41. Water at 40.	
Con V		B. Decker		6	8	20	10	20	10	"	"	D	D	Blue clay 3; grey rock 40. Water at 15 and 35.	
Con V		A. Edenli		6	5	23	23	23	23	"	"	D	D	Brown clay 3; limestone 36. Water at 35.	
Con V		S. Gill	B.O. Connor	6	7	40	16	40	16	"	"	S	S	Brown clay 4; brown rock 51. Water at 40 and 49.	
Con V		G. Wacey		5	5	15	16	15	16	"	"	D	D	Brown clay 1; grey rock 25. Water at 10 and 23.	
Con V		J.G. Boyes		6	5	40	17	40	17	"	"	D	D	Shale 20; bluish grey rock 42. Water at 42.	
Con V		G. Binas		6	9	62	18	62	18	"	"	D	D	Brown clay stones 11; white limestone 72. Water at 70.	
Con V		M. Kuras	G.J. Wallis	6	12	50	9	50	9	"	"	D	D	Brown soil 6; white limestone 50. Water at 58.	
Con V		P. Friend		6	12	15	15	15	9	"	"	D	D	Tonsill 1 sand loam 4; limestone 27. Water at 26.	
Con V		E. Pegg		5	15	7 1/2	7	7 1/2	7	"	"	D	D	Dug well 6; quicksand 15; boulders 13 1/2; blue clay 14 1/2; limestone 24. Water at 21.	
Con V		J.B. Rutten		6	10	16	6	16	6	"	"	D	D	Brown loam 2; limestone 35. Water at 24.	
Con V		C. Hall		4	9	40	23	40	23	"	"	D	D	Clay 15; grey blue rock 100; white limestone 112. Water at 112.	
Con VI		United Church		4	10	50	20	50	20	"	"	D	D	Clay 3; grey limestone 110. Water at 110.	
Con VI		J. Foreman		4	10	60	20	60	20	"	"	D	D	Clay 24; grey limestone 90. Water at 90.	
Con VI		R. Bruce		6	12	35	27	35	27	"	"	D	D	Grey clay pebbles 21; grey rock 75. Water at 50 and 73.	
Con VI		C. Hill		4	15	45	17	45	17	"	"	D	D	Clay 9; white limestone 109. Water at 109.	
Con VI		C. Gringer		4	10	30	12	30	12	"	"	D	D	Clay 11; gravel 17; grey limestone 86. Water at 86.	
Con VI		B. Knight		6	10	65	33	65	33	"	"	D	D	Clay 22; grey rock 88. Water at 86.	
Con VI		J. Main		6	10	60	16	60	16	"	"	D	D	Clay 9; grey limestone 75. Water at 75.	
Con VI		M. Gaus		4	10	45	28	45	28	"	"	D	D	Clay boulders 20; greyish blue limestone 130. Water at 130.	
Con VI		B. Mantz		4	15	40	3	40	3	"	"	D	D	Clay 8; grey limestone 70. Water at 70.	
Con VI		L. Legend		6	9	42	16	42	16	"	"	D	D	Grey clay 9; grey rock 47. Water at 47.	
Con VI		G. Culham		4	10	14	14	14	14	"	"	D	D	Hard gravel 20; grey rock 70. Water at 70.	
Con VI		C. Hill		6	20	3	1	3	1	"	"	D	D	Dug well 2; shaly rock 6; limestone 38. Water at 38.	
Con VI		M.E. Scriven		6	20	3	1	3	1	"	"	D	D	Tonsill 2; shaly rock 6; limestone 38. Water at 38.	
Con VI		Construction		4	10	26	26	26	26	"	"	D	D	Clay 15; bluish grey rock 44. Water at 44.	
Con VI		L. DalBello		6	8	50	20	50	20	"	"	C	C	Deepened well grey rock 65. Water at 60.	
Con VI		D. Knight		6	10	25	17	25	17	"	"	D	D	Stony clay 4; shale 6; limestone 35. Water at 30.	
Con VI		E. Patton		6	10	25	17	25	17	"	"	D	D	Clay boulders 10; fine sand 21; grey rock 50. Water at 40.	
Con VI		G. Sweets		6	3	25	20	25	20	"	"	D	D	Tonsill 1; brown clay 4; sand gravel 100; limestone 120. Water at 120.	
Con VI		D. Richardson		6	5	70	50	70	50	"	"	D	D	Grey clay boulders 20; limestone 52. Water at 3 1/2 and 50.	
Con VI		R.B. Nicol		6	5	58	26	58	26	"	"	D	D	Pit 5; stony clay 8; black limestone 106. Water at 86.	
Con VI		J. Packham		6	8	100	65	100	65	"	"	D	D	Clay 4; quicksand 50; gravel 57; hard blue rock 85. Water at 85.	
Con VI		C. Hill		4	12	40	15	40	15	"	"	D	D	Dug well 26; grey clay stops 50; 51; grey rock 76. Water at 76.	
Con VI		S. Gill		6	10	14	10	14	10	"	"	D	D	Clay well 26; grey clay stops 50; 51; grey rock 76. Water at 76.	
Con VI		Cross Bros.		6	5	28	13	28	13	"	"	D	D	Boulders sand 50; limestone 58. Water at 58.	
Con VII		J.B. Rutten		6	15	40	30	40	30	"	"	D	D	Clay large stones 20; sand 27; hard blue rock 66. Water at 66.	
Con VII		W. Packham		6	8	28	18	28	18	"	"	D	D	Brown clay 2; grey rock 40. Water at 30 and 38.	
Con VII		C. Hill		6	8	28	18	28	18	"	"	D	D	Brown clay 2; grey rock 40. Water at 30 and 38.	
Con VII		S.W. Merritt		6	15	28	13	28	13	"	"	D	D	Boulders sand 50; limestone 58. Water at 58.	
Con VII		R. Rennie		6	15	40	30	40	30	"	"	D	D	Clay large stones 20; sand 27; hard blue rock 66. Water at 66.	
Con VII		M. Dastilva		6	8	28	18	28	18	"	"	D	D	Brown clay 2; grey rock 40. Water at 30 and 38.	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont										
Beverly Twp. - cont.										
Con VII	A. Glasser	S. Gill	Oct. 19, 1960	6	10	12	7	Fresh	S	Grey rock 25; Water at 23.
Con VII	L. Studman	"	Aug. 7, 1961	6	10	50	20	"	S	Brown clay 15; clay stones 39; grey rock 68. Water at 60 and 63.
Con VII	E. Williamson	C. Hill	Nov. 6, 1962	6	10	18	18	"	D	Dug well 8; gravel 22; shale 34; grey limestone 88. Water at 88.
Con VII	W. Raib	S. Gill	Sep. 23, 1963	6	8	45	30	"	D	Clay stones 25; sand 39; grey rock 60. Water at 50 and 58.
Con VII	C. J. Bayers	W. Packham	Jun. 19, 1963	6	4	50	30	"	D	Stony clay 40; cemented gravel 50; shaly rock 55. Water at 54.
Con VII	J. Dawson	S. Gill	Nov. 30, 1961	6	8	37	25	"	D	Dug well 30; sand clay 48; fine sand 52; grey rock 68. Water at 65.
Con VII	J. Nowrot	C. Hill	Oct. 16, 1962	4	10	9	9	"	D	Dug well 7; clay 12; grey rock 40. Water at 40.
Con VII	W. Morol	S. Gill	Nov. 26, 1961	6	10	35	5	"	D	Grey rock 50. Water at 30, 40 and 45.
Con VII	P. Dykman	C. Hill	Nov. 15, 1961	6	10	40	17	"	D, S	Clay 1; shale 12; grey limestone 62. Water at 62.
Con VII	H. S. Armstrong	W. Packham	Jul. 1, 1961	6	7	50	35	"	D	Stony clay 48; limestone 63. Water at 60.
Con VIII	N. Green	B. O'Connor	May 10, 1961	6	15	57	13	"	D	Gravel boulders 15; gravel quicksand 89; grey limestone 93. Water at 92.
Con VIII	W. StClair	S. Gill	Jun. 14, 1962	6	15	40	15	"	D	Grey clay stones 10; sand gravel 38; grey clay pebbles 53; grey rock 73. Water at 70 and 73.
Con VIII	J. Johns	"	Mar. 12, 1963	6	20	83	6	"	D	Brown clay stones 20; sand gravel 35; sand 89; grey rock 93. Water at 92 and 93.
Con VIII	I. Allemang	C. Hill	Aug. 9, 1963	4	15	20	20	"	D	Gravel stones 32; grey limestone 119. Water at 119.
Con VIII	R. Foreman	S. Gill	Jul. 21, 1961	6	10	72	22	"	D	Stones gravel 25; gravel 38; grey rock 75. Water at 40 and 70.
Con VIII	R. Whittier	C. Hill	Sep. 24, 1963	4	10	16	16	"	D	Clay gravel 5; grey limestone 44. Water at 44.
Con VIII	J. Stalker	"	Jul. 26, 1960	4	10	20	10	"	D	Clay boulders 30; fine gravel 41; grey limestone 61. Water at 61.
Con VIII	E. Faucher	"	Jan. 11, 1960	4	10	20	10	"	D	Clay stones 14; brown limestone 52. Water at 52.
Con VIII	P. Amos	"	Jan. 14, 1960	4	10	20	10	"	D	Clay 8; gravel 25; light brown limestone 50. Water at 50.
Con VIII	A. Auelair	"	Jun. 15, 1962	4 1/2	15	30	3	"	C	Clay 3; quicksand 8; gravel 13; grey limestone 55. Water at 55.
Con VIII	J. Clark	"	May 3, 1960	4	10	70	11	"	D	Clay 3; gravel 30; hard blue rock 80. Water at 80.
Con VIII	J. H. Hessel	"	Sep. 18, 1961	4	10	30	20	"	D	Clay 1; grey limestone 51. Water at 51.
Con VIII	C. Roth	"	Jul. 28, 1960	4	10	15	15	"	S	Shale 7; grey limestone 31 1/2. Water at 31 1/2.
Con VIII	W. Copp	B. O'Connor	Dec. 15, 1961	6	8	27	27	"	D	Brown clay gravel 12; limestone 45. Water at 40.
Con VIII	T. J. Fuzs Cath-	S. Gill	Nov. 1, 1963	6	30	15	6	"	P	Blue clay 3; grey rock 52. Water at 35 and 50.
Con VIII	olic Recreation	"								
Con IX	" Centre	G. J. Wallis	Jul. 2, 1960	6	2	19	10	"	P	Brown sandy soil 2 1/2; white limestone 33. Water at 29.
Con IX	S. Semancik	S. Gill	Dec. 23, 1963	6	20	40	30	"	P	Dug well 20; sandy clay 50; sandy clay gravel 91; grey rock 107. Water at 103 and 107.
Con IX	J. S. Boyd	W. Packham	Apr. 21, 1960	7	5	60	5	"	D	Stony clay 60; sand gravel 80; coarse gravel 85. Water at 85.
Con IX	J. R. Wakeford	S. Gill	Dec. 4, 1962	6	15	70	17	"	S	Blue clay pebbles 25; sand clay 45; silt 70; fine sand 98; coarse sand 100. Water at 100.
Con IX	Dr. H. Miller	C. Shantz	Jan. 31, 1962	5	5	60	28	"	D	Clay gravel 42; silty sandy clay gravel 80; grey rock 110. Water from 108 to 110.
Con IX	G. Haines	F. Ince	Jan. 28, 1961	6	10	90	30	"	D, S	Brown loam 3; blue clay 30; gravel clay 80; grey limestone 90. Water at 90.
Con IX	P. E. Wenge	C. Hill	Sep. 4, 1963	4	12	30	5	"	D	Clay boulders 27; grey limestone 75. Water at 75.
Con IX	D. E. Little	L. C. Shantz	Aug. 26, 1960	5	13	16	12	"	D	Broken rock 15; grey limestone 30. Water from 20 to 30.
Con IX	J. Ewan	E. Pegg	Jun. 27, 1963	4	10	14	6	"	D	Topsoil 1; boulder 6; limestone 26. Water at 23.
Con IX	G. Kuzawski	C. Hill	Jun. 24, 1961	10	20	5	5	"	D	Clay 8; shale 18; yellowish limestone 36. Water at 36.
Con IX	G. Kimpel	W. Packham	Oct. 5, 1963	6	30	20	16	"	D	Dark brown loam 6; gravel clay loam 25; gravel clay 31; soft white limestone 39. Water at 36.
Con IX	J. Holtzower	"	Oct. 29, 1963	6	10	70	40	"	D	Basement 8; stony clay 19; bitrock white limestone 80. Water at 55 and 72.
Con IX	C. Mantler	"	Feb. 2, 1963	6	20	50	18	"	D, S	Clay gravel 23; limestone 75. Water at 40 and 73.

WENTWORTH COUNTY - cont.

WENTWORTH COUNTY - cont.

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1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Binbrook Twp. - cont.										
Bl.1 Con II lot 3	B. Dressler	G.J. Wallis	Nov.29,1962	6	25	25	7½	Fresh	D	Light brown clay 17;grey clay 28;grey limestone 41. Water at 39.
Bl.1 Con II "	A. Bailey	E. Constable	Jun.19,1963	6	3	20	15	"	D,S	Tossol 3;rough gravel stones 28;limestone 35. Water at 30.
Bl.1 Con II "	S. Phillips	P. Merritt	Feb.21,1961	6	10	25	22	"	D	Brown clay 30;blue clay 38;grey limestone 38½. Water at 38½.
Bl.1 Con II "	G. Loader	W. Packham	May 2, 1961	6	20	25	15	"	D	Brown clay 20;limestone 30. Water at 25.
Bl.1 Con II "	N.A. Rogers	G.J. Wallis	Apr.17,1962	6	25	20	7	"	D	Light brown clay 14;grey clay 22;grey limestone 30½. Water at 30.
Bl.1 Con II "	J. Smith	"	Jul. 4, 1962	6	9	14	6	"	D	Light brown clay 14;grey limestone 24. Water at 23.
Bl.1 Con III "	G. Carey	W. Packham	May 13, 1961	6	20	35	27	"	D	Grey clay 65;clay gravel 70;shale 72;limestone 75. Water at 72.
Bl.1 Con III "	E. Penny	Cross Bros.	Apr. 4, 1963	6	15	25	16	"	D	Tossol 1;brown clay 18;grey clay 60;fine gravel 64. Water at 64.
Bl.1 Con IV "	M.R. Weir	S.W. Merritt	Mar. 1, 1961	6	15	32	30	"	D	Clay boulders 80;grey shale 82. Water at 82.
Bl.1 Con IV "	W. Forrester	"	Mar. 3, 1961	6	15	28	28	"	D	Clay boulders 73;gravel 75. Water at 75.
Bl.1 Con IV "	Star Brand Packers	W. Packham	Feb. 8, 1962	6	30	60	40	Sulphur	In	Grey clay 66;clay gravel 73;limestone 85. Water at 83.
Bl.2 Con I "	Athletic Ass.	G.J. Wallis	Nov.16, 1963	6	25	34	20	Fresh	F	Brown clay 10;grey clay 24;broken soft limestone 26½;grey limestone 44. Water at 30 and 42.
Bl.2 Con I "	R. Patterson	Cross Bros.	Jul.14, 1961	6	5	25	12	"	D	Tossol 1;brown clay 16;fine clay 22;limestone 37. Water at 36.
Bl.2 Con I "	R. Phillip	W. Packham	Nov. 9, 1962	6	24	20	12	"	S	Brown clay 40;gravel 46. Water at 45.
Bl.2 Con I "	Gos & Gris	P. Merritt	May 4, 1963	6	10	20	15	"	In	Brown clay 40;grey limestone 43. Water at 43.
Bl.2 Con I "	Starlite Const	Cross Bros.	Jan.20, 1963	6	5	25	15	"	D	Brown clay 19;limestone 32. Water at 30.
Bl.2 Con I "	G. Bayliss	G.J. Wallis	Feb.25, 1960	6	30	20	17	"	D	Light brown clay 14;grey clay 30;grey clay gravel 31;grey limestone 37½. Water at 36.
Bl.2 Con II "	B. Gatts	F. Ince	Jun.28, 1963	6	20	25	18	"	D	Brown clay 6;blue clay 38;shale 40. Water at 40.
Bl.2 Con II "	D. Mitchell	P. Merritt	Jan. 9, 1961	6	10	20	15	"	D	Brown clay 14;grey limestone 39. Water at 38.
Bl.2 Con III "	M. Vanderzanden	W. Packham	Sep.30, 1960	6	15	30	21	Sulphur	D	Brown clay 40;shale 43. Water at 42.
Bl.3 Con I "	E. Heslure	W.E. Scriven	Mar.30, 1960	6	20	22	5	Fresh	D	Tossol 2;brown clay 14;blue clay 16;limestone 30. Water at 30.
Bl.3 Con I "	E. Wagner	S.W. Merritt	Aug.12, 1960	6	17	5	3	Sulphur	N	Clay 15;rock 27. Water at 27.
Bl.3 Con I "	"	"	Oct.14, 1960	6	7	15	8	Fresh	N	Clay 16;rock 23. Water at 23.
Bl.3 Con II "	R. Fleming	P. Merritt	Sep.30, 1962	6	5	55	33	Sulphur	D	Clay 48;grey limestone 58. Water at 58.
Bl.3 Con II "	I. Stephenson	W. Packham	Oct.19, 1960	6	10	35	25	Fresh	D	Brown clay 38;shale 42. Water at 40.
Bl.3 Con II "	W. Wright	"	Jun.29, 1961	6	20	18	12	"	D	Clay 25;gravel shale 27. Water from 25 to 27.
Bl.3 Con II "	G.L. Martin	R. Embleton & Son	Oct. 3, 1961	6	6	39	18½	"	D,S	Brown clay 8;blue clay 18;broken limestone 20;limestone 39. Water at 37.
Bl.3 Con II "	Z. Gregory	F. Merritt	Dec.15, 1961	6	10	60	40	Sulphur	D	Clay 52;limestone 86. Water from 75 to 85.
Bl.3 Con II "	F. Steak	W.E. Scriven	Sep. 6, 1963	6	3	32	25	Fresh	D	Tossol 1;brown clay 15;grey clay 40;coarse gravel 42. Water at 42.
Bl.3 Con III "	F. Nowak	"	Jan.12, 1961	6	10	65	60	"	D	Tossol 2;brown clay 45;blue clay 71;coarse gravel 73. Water at 73.
Bl.3 Con III "	M. Weaver	W. Packham	Jan.28, 1963	6	15	80	42	"	D	Clay 40;shale 85. Water at 85.
Bl.3 Con III "	H. Armsstrong	"	Feb.19, 1963	6	20	75	65	Sulphur	D	Clay 40;clay gravel 62;shale 84. Water at 83.
Bl.3 Con III "	Dr. D. Bell	P. Merritt	Oct.15, 1963	6	10	70	65	"	F	Blue clay 83;rev limestone 97½. Water at 87.
Bl.3 Con III "	L. McLachlan	S.W. Merritt	Feb.26, 1963	6	16	50	35	"	D	Grey clay 83;stones 70;gravel grey shale 77. Water at 72.
Bl.3 Con IV "	G. Marsh	"	Oct.24, 1963	6	14	45	35	"	D,S	Grey clay 67;grey shale 69. Water at 69.
Bl.3 Con IV "	S. Kovach	W.E. Scriven	Jul.25, 1960	6	5	30	25	"	D	Tossol 2;brown clay 30;blue clay 60;gravel 71. Water at 71.
Bl.3 Con IV "	Knox Presby- terian Church	Cross Bros.	Oct.13, 1962	6	6	65	50	"	F	Tossol 1;brown clay 2;blue clay 60;blacksand 70;blue clay 73;coarse gravel 75. Water at 75.

WENTWORTH COUNTY - cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Binbrook Twp. -cont. Bl.5 Con II lot 6 Bl.5 Con II " 7 Bl.5 Con III " 5	K. Miner E. Fletcher G.J. Wallis	Cross Bros. W. Packham G.J. Wallis	Apr.13,1960 Dec.30,1960 Apr. 9,1963	6 6 6	5 20 10	26 25 65	24 14 47	Fresh " "	D D D	Brown clay 15;clay 27;lime 35. Water at 24. Brown clay 27;shale rock 31. Water at 29. Light brown clay 16;grey clay 24;grey limestone 97. Water at 91.
Bl.5 Con IV " 6	W.G. Oliver	F. Merritt	Jul.24,1961	6	10	60	35	"	D	Brown clay 30;blue clay 55;red gravel 74;grey limestone 97. Water at 76 and 90.
Bl.5 Con IV " 6	A. Johnson	"	Aug. 8,1963	6	10	50	30	"	D	Blue clay 59;gravel boulders 79;grey limestone 79. Water at 70.
Bl.5 Con IV " 7	D. Brown	F. Ince	May 17,1960	6	8	70	30	"	D	Loam 3;blue clay 66;limestone 90. Water at 90.
Bl.5 Con IV " 7	H. Young	W. Packham	Apr.29,1963	6	20	80	35	"	D	Clay 75;limestone 97. Water at 94.
Bl.5 Con VII " 21	Allard Const.	G.J. Wallis	Nov.28,1962	6	1	47	9	Sulphur	D	Lient brown clay 17;grey clay 47;grey limestone 57. Water at 55.
Bl.5 Con VII " 22	D. Ridge	E. Constable	May 10,1961	6	6	20	20	Fresh	D	Topsoil 3;grey clay 35;blue muck 50;gravel 56. Water at 54.
Bl.5 Con VII " 23	W. Tautz	"	May 2,1961	6	10	35	30	"	S	Topsoil 5;brown clay stones boulders 55;coarse gravel 60. Water at 55.
Con VII " 28	N. Tieler	W. Packham	Jun.16,1960	6	1	68	32	"	D	Brown clay 52;limestone 68. Water at 60.
Con VII " 28	R. Moses	"	Aug.15,1961	6	25	50	35	Sulphur	D	Clay 48;limestone 78. Water at 75.
Con VII " 28	F. Ludford	Cross Bros.	Apr.14,1962	6	1	64	30	Fresh	D	Topsoil 1;brown clay 30;grey clay 52;limestone 66. Water at 62.
Con VIII " 20	S. Mayo	E. Constable	Jan.14,1961	6	15	25	25	"	D	Dug well 25;soft blue clay 56;horizon 58;coarse gravel 59. Water at 58.
Con VIII " 20	T. Bagley	J.F. Wickett	Sep.18,1963	5	8	32	24	"	D	Brown clay 4;yellow clay 25;blue clay 35;grey limestone 40. Water at 39.
Con IX " 23	D. Hurst	F. Ince	Mar.29,1963	6	15	25	20	"	D,S	Brown clay 33;shale 35. Water at 35.
Dundas Town Dundas Town	P. McManenay	HadcoWellDigging	Nov.14,1961	30	10	33	20	Fresh	D	Topsoil 1;brown clay 14;red sand 24;gravel 25;grey clay 34. Water at 24.
Dundas Town	D. Paines	"	Nov.14,1961	27 1/2	8	30	20	"	D	Topsoil 4;brown clay 9;red sandy clay 14;sand 15;grey clay 20;red sandy clay 31. Water at 14.
Dundas Town	R. Palmer	"	Nov.15,1961	27 1/2	10	29	20	"	D	Topsoil 1;brown clay 14;red clay 19;gravel 23;red clay 30. Water at 19.
Dundas Town	K. Browne	"	Nov.15,1961	30	10	18	12	"	D	Topsoil 1;brown clay 6;red clay 12;grey clay 18;red shale 20. Water at 14.
Dundas Town	Johnson	"	Nov.15,1961	27 1/2	8	25	14	"	D	Topsoil 1;brown clay 7;red clay 13;gravel 16;grey clay 25;red shale 26. Water at 13.
Dundas Town	K. Allen	"	Nov.16,1961	30	10	28	24	"	D	Topsoil 1;brown clay 14;red clay 19;gravel 24;green clay 30. Water at 19.
Dundas Town	M.T.Blok Const.	"	Apr. 5,1963	30	5	8	10	"	D	Topsoil 2;brown sand 4;brown clay 20;blue sand 30;blue clay 40. Water at 39.
Dundas Town	"	"	Apr. 5,1963	30	4	7	10	"	D	Topsoil 2;brown sand 4;brown clay 25;brown clay gravel 29;blue clay 35. Water from 25 to 28.
East Flamborough Twp. Con III lot 1	C. Parker	J.B. Rutten	Sep.16,1963	6	14	66	53	Fresh	D	Brown clay 2;grey limestone 48;blue dolomite 66;green shale 72;soft blue shale 74. Water at 66.
Con III " 2	H. Kulinees	"	Jul.11,1960	6	1 1/2	39	6	"	S	Sand gravel 16;grey limestone 39. Water at 22.
Con III " 2	A. Everett	"	Feb. 6,1963	6	< 1	52	4	"	D	Previously drilled 30;limestone 49;blue shale 52. Water at 28
Con III " 2	R. Moggach	S.W. Merritt	Oct.24,1963	6	1	76	12	"	D	Grey clay stones 8;limestone 75;red shale 76. Water from 40 to 60.

WENTWORTH COUNTY - cont.

East Flamborough Twp.

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1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
E. Flamborough Twp. cont.										
Con III	B. Beatty	B. O'Connor	Apr. 30, 1962	6	6	14	14	Fresh	D	Brown clay 15; limestone 45; Water at 42.
Con III	W. Farrow	"	Jun. 25, 1962	6	2	45	22	"	D	Brown clay 13; limestone 45; Water at 40.
Con III	J. Dyzak	"	Jan. 13, 1961	6	10	12	10	"	D	Brown clay 6; limestone 30; Water at 30.
Con III	Gouland	W. Packham	Jun. 30, 1960	8	30	20	4	"	P	Brown clay 6; grey shale 8; limestone 45; Water at 25 and 30.
Con III	Waterland Ltd.	Cross Bros.	Oct. 24, 1963	6	2	35	12	"	D	Tonsoil 1; brown clay 11; limestone 38; Water at 34.
Con IV	E. Honchar	J.B. Rutan	Jan. 8, 1961	8	15	37	22	"	C	Sandy loam 11; broken limestone 12; grey limestone 70; shale 72.
Con IV	A. Carey	"	Nov. 6, 1963	6	2 1/2	145	30	"	D	Clay stones 30; silt 110; sand 118; blue shale 135; red shale 150.
Con IV	P. Sandwell	S. Gill	Mar. 24, 1960	7	4	50	15	"	D	Water at 140 and 145.
Con IV	R. Skewes	W. Packham	Aug. 3, 1961	6	20	10	3	"	D	Sandy clay 29; limestone 45; grey shale 50; Water at 35.
Con IV	A. Vanderkrak	G.J. Wallis	Jul. 26, 1962	6	5	25	6	"	D	Sandy loam 5; broken limestone 23; Water at 21.
Con IV	J.S. Smith	"	Jan. 17, 1961	6	15	31	13	"	P	Brown sandy soil stones 7; yellowish limestone 26; grey limestone 35; Water at 34.
Con IV	Town of Waterdown	B. Huffman & Sons	Jul. 20, 1960	6	1	70	21	"	D	Clay 6; red sand 23; coarse sand 25; boulders 28; fine sand 33; broken limestone 35; clay boulders 39; limestone 69; grey shale Water at 49.
Con IV	L.K. Lucas	B. O'Connor	Aug. 9, 1960	6	5	33	33	"	D	Well pit 6; fine sandy clay 29; limestone 75; Water at 70.
Con IV	K. Johnson	"	Jul. 13, 1960	6	10	28	Flows	"	D	Fine sand gravel 22; limestone 38; Water at 50.
Con IV	G. Liedtke	"	Oct. 25, 1961	6	15	25	15	"	C	Fine sand 28; limestone 50; Water at 48.
Con IV	B. Hounsone	"	Dec. 13, 1960	12	75	35	2	"	P	Tonsoil sand 3; clay 8; red sand 23; stony grey clay 32 1/2; limestone 39; blue shale 103; red shale 105; Water at 45.
Con IV	Town Waterdown	B. Huffman & Sons	Apr. 16, 1962	6	20	20	10	"	D	Clay loam 15; reddish brown sand 45; grey clay gravel 53; rock 54; Water at 53.
Con IV	R. Poirier	W. Packham	Nov. 23, 1961	6	15	40	25	"	D	Brown clay 12; sandy clay 30; red sand 45; sand gravel 53; limestone 62; Water at 60.
Con IV	"	"	Jul. 20, 1960	6	4	40	16	"	D	Stony clay 29; limestone 45; Water at 37.
Con V	E. Stemmler	"	Oct. 23, 1960	6	10	25	22	"	D	Sandy loam 30; sand gravel 42; limestone 48; Water at 46.
Con V	W. Beeforth	G.J. Wallis	Sep. 9, 1963	6	2 1/2	70	7	"	D	Brown clay stones 15; yellowish clay 30; grey clay 41; white limestone 72; blue limestone 70; Water at 55 and 78.
Con V	R. Morton	"	Jun. 24, 1960	6	10	12	10	"	D	Tonsoil 2; fine sand boulders 37; grey shale 40; Water at 39.
Con V	H. Campbell	E. Constable	Jun. 30, 1960	6	10	12	10	"	D	Tonsoil 2; fine sand boulders 37; grey shale 40; Water at 39.
Con V	H. Sutherland	"	Aug. 9, 1962	6	20	25	17	"	D	Grey clay 30; stones grey clay 41; limestone 45; Water at 53.
Con V	N. MacPhee	W. Packham	Mar. 16, 1960	10	45	70	4	"	T	Brown sandy gravel 10; gravel sand boulders 15; hard grey dolomite 74; blue shale 77; water at 43.
Con V	W. Packham & Son	B. Huffman & Son	Oct. 4, 1960	6 1/2	10	50	25	"	D	Brown loam 3; blue stony clay 60; medium gravel 61; water at 61.
Con V	H. Seebeck	F. Ince	Oct. 4, 1960	6 1/2	10	50	25	"	D	Brown loam 3; blue stony clay 60; medium gravel 61; water at 61.
Con V	W. Chapman	J.B. Rutan	Dec. 13, 1960	6	7	47	16	"	D	Sandy loam 10; grey clay 45; gravel 46; grey limestone 53; Water from 34 to 46 and at 52.
Con V	"	"	Sep. 28, 1962	6	15	14	14	"	D	Fine sand 39; limestone 42; Water at 42.
Con V	P. Eden	B. O'Connor	Aug. 7, 1963	6	10	20	8	"	D	Tonsoil 1; sandy loam 8; sand 44; gravel 46; limestone 48.
Con V	C. Kalyn	Cross Bros.	Jul. 29, 1960	7	20	40	6	"	In	Water at 48.
Con V	R. McCammon	W. Packham	Oct. 24, 1960	8	100	47	21	"	P	Sandy clay 25; sandy silt 58; shale 60; limestone 61; Water at 60.
Con V	Waterdown	B. Huffman & Sons	Oct. 19, 1962	6	10	42 1/2	36 1/2	"	In	Tonsoil 3; hard backed sand 2 1/2; red sand 33; silt 52; limestone 117; grey shale 120; Water from 52 to 117.
Con V	D. Scott	J.B. Rutan	Aug. 15, 1960	7	20	30	17	"	In	Red sand 39; grey clay 60; broken limestone 70; dk grey limestone 94; Water from 65 to 69.
Con V	K. Ball	W. Packham	Jul. 21, 1960	8	20	30	16	"	In	Sandy clay 55; gravel clay 62; limestone 67; Water at 64.
Con V	D. Drummond	"						"	D	Sandy clay 50; sand gravel 55; shale 58; limestone 60; Water at 58.

Con V	lot 12	L. Butterwick	W. Packham	Aug. 30, 1962	6	24	35	23	Fresh	D	Dug well 20; sandy clay 35; grey clay 45; brown sand 70; limestone 73. Water at 21; shale 69. Water at 69.
Con V	" 13	N. Goodbread	"	May 31, 1962	6	15	50	27	"	D, S	Sandy clay 20; sand 66; shale 69. Water at 69.
Con V	" 13	V. Best	"	May 17, 1963	6	25	30	30	"	D	Sandy loam 10; sandy clay 86; limestone 91. Water at 89.
Con VI	" 2	G. Haverlag	J.B. Rutten	Nov. 23, 1962	6	10	7	6	"	D	Sand 16; grey limestone 31. Water at 29.
Con VI	" 2	C. Haverlag	"	Oct. 29, 1963	5	1	57	12	"	D	Brown clay 15; grey limestone 29; grey limestone 57. Water at 52.
Con VI	" 3	R. Klodt	"	Oct. 21, 1961	6	10	10	11	"	"	Sandy loam 13; limestone 29; water at 19 and 27.
Con VI	" 7	E. Anderson	W. Packham	May 10, 1962	6	8	25	10	"	In	Sandy loam 20; sandy clay gravel 24. Water at 35.
Con VI	" 8	K. Fallick	G.J. Wallis	Sep. 12, 1961	6	30	30	Flows	"	D	Brown sandy soil 4; grey clay gravel 31; fine sand gravel 50; gravel 51. Water at 30.
Con VI	" 8	G. Roth	Cross Bros.	Sep. 28, 1963	6	10	35	22	"	D	Sandy loam 5; fine sand 16; fine gravel 47. Water at 47.
Con VI	" 9	B. Deon	"	Sep. 28, 1963	6	10	35	25	"	D	Sandy loam 4; fine sand 16; fine gravel 50; fine sand 60; coarse gravel 64. Water at 44.
Con VI	" 11	J. Carey	W. Packham	May 14, 1960	6	20	30	5	"	D	Clay loam 24; limestone layers shale 45. Water at 40.
Con VI	" 11	B. Carey	"	Jun. 10, 1963	6	10	30	18	"	D	Gravel clay 23; shaly rock 35; hard limestone 39. Water at 28 and 32.
Con VI	" 12	G. Passmore	"	Aug. 28, 1962	6	24	50	30	"	D	Sandy clay 25; soft grey clay 50; sand 75; limestone 78. Water at 76.
Con VI	" 13	K. Vihland	"	Jun. 11, 1960	6	20	10	4	"	D	Sand loam 30; shale rock 35; limestone 37. Water at 35.
Con VI	" 13	Brodies Ltd.	"	Jul. 25, 1960	6	20	15	6	"	In	Sandy clay 15; sand silt 35; shale 40; limestone 41. Water at 40.
Con VI	" 13	Aldershot Structural Steel	"	Jun. 2, 1962	6	24	10	8	"	In	Soft sandy clay 41; shale 43. Water at 42.
Con VII	" 7	B. Barber	"	Sep. 27, 1961	6	20	8	4	"	D	Loam gravel 5; gravel 11; grey shale 15; limestone 25. Water at 23.
Con VII	" 8	L. Thomson	B.O'Connor	Aug. 29, 1960	6	8	57	20	"	D	Sand gravel boulders 40; blue shale 57. Water at 57.
Con VII	" 8	R. Warwick	W. Packham	Nov. 21, 1960	6	8	50	27	"	D	Stony blue clay 62; soft limestone 69. Water at 65.
Con VII	" 8	C. Payne	G.J. Wallis	Nov. 22, 1961	6	20	33	21	"	D	Reddish brown sand 31; grey sandy clay 41; broken limestone gravel 43. Water at 42.
Con VII	" 8	H. Vander Lief	J.B. Rutten	May 17, 1962	6	20	26	9	"	D	Gravel clay 15; grey clay 51; soft limestone 53; brown limestone 62. Water at 60.
Con VII	" 8	"	"	May 21, 1962	6	20	26	9	"	D	Brown clay 15; grey clay 51; gravel clay 53; limestone 57.
Con VII	" 8	Verhoven Const	"	Jul. 27, 1962	6	6	93	28	Sulphur	D	Brown clay 16; grey clay stones 77; black slate 93. Water at 79.
Con VII	" 8	C. Payne	G.J. Wallis	Oct. 30, 1962	6	12	14	11	Fresh	D	Brown sand gravelly soil 15; grey limestone 24. Water at 22.
Con VII	" 9	M. Glendenning	J.B. Rutten	May 25, 1961	6	2	82	22	"	D	Brown loam 16; grey clay gravel 26; sand clay 62; blue clay 63; blue limestone 82. Water at 80.
Con VII	" 9	Verhoven Const	"	Jul. 9, 1962	6	34	92	35	Sulphur	D	Brown clay 20; grey clay boulders 20; black rock 92. Water at 91.
Con VII	" 9	"	"	Jul. 12, 1962	6	6	6	33	Fresh	N	Brown clay 18; grey clay small boulders 20; grey sand 20; grey clay gravel 96. Water from 78 to 79.
Con VII	" 10	K. Remusson	Cross Bros.	Aug. 22, 1963	6	10	40	15	"	D	Clay sand gravel 40; sand 52; fine gravel 57. Water at 57.
Con VII	" 13	R. Ruell	B.O'Connor	May 17, 1961	6	15	4	2	"	C	Fine sand 11; limestone 22; grey limestone 37. Water at 35.
Con VIII	" 1	A. Waller	W. Packham	Jul. 28, 1960	6	5	40	24	"	D	Stony sandy clay 37; limestone 50. Water at 42.
Con VIII	" 3	T. Irwin	"	Apr. 14, 1962	6	7	55	15	"	S	Sandy loam 15; sandy clay 23; limestone 60. Water at 55 and 60.
Con VIII	" 4	M. Jenkins	"	Oct. 2, 1962	6	24	25	15	"	D	Gravel clay stones 23; limestone 36. Water at 33.
Con VIII	" 4	J. Wilson	"	Jun. 7, 1963	6	25	40	36	"	D	Stony clay loam 40; reddish brown clay horizon stones 66; limestone 78. Water at 75.
Con VIII	" 4	"	Cross Bros.	Jun. 22, 1963	6	5	40	40	"	D	Sandy loam boulders 16; sand gravel 53; fine gravel 50. Water at 58.
Con VIII	" 4	"	B.O'Connor	Jun. 29, 1963	6	8	10	2	"	D	Fine sand 12; fine gravel 10; coarse gravel 23. Water at 1 and 20.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
E. Flamborough Twp- cont.										
Con VIII	lot 4	H. Huismann	J. B. Ruttan	Nov. 18, 1963	6	10	50	46	Fresh	D
Con VIII	" 4	"	"	Dec. 16, 1963	6	6	55	46	"	D
Con VIII	" 4	M. A. McCartney	P. Ince	Dec. 30, 1963	6	6	60	41	"	D
Con VIII	" 5	R. O. Gleworth	J. B. Ruttan	Oct. 5, 1961	6	10	17	2	"	D
Con VIII	" 5	R. Hawkins	B. O'Connor	Nov. 1, 1961	6	15	6	6	"	D
Con VIII	" 5	R. Poirier	W. Packham	Jul. 16, 1963	6	30	20	12	"	D
Con VIII	" 5	M. Jones	"	Aug. 16, 1963	6	20	15	12	"	D
Con VIII	" 6	A. Marshall	"	Sep. 19, 1963	6	20	20	17	"	D
Con VIII	" 7	Carlisle Hall	J. B. Ruttan	Jan. 24, 1961	6	10	13	3	"	F
Con VIII	" 7	G. Gleed	P. Ince	May 20, 1961	6	30	14	10	"	D
Con VIII	" 7	T. Pether	J. E. Ruttan	Jul. 8, 1961	6	7	69	20	"	D
Con VIII	" 7	12 Mile Creek Conservation Authority	"	Jun. 11, 1962	6	20	19	12	"	D
Con VIII	" 7	"	"	Jun. 14, 1962	6	20	2	6	"	D
Con VIII	" 8	W. Gable	"	Aug. 23, 1961	6	10	37	32	"	D
Con VIII	" 9	A. Camin	W. Packham	Jul. 5, 1960	6	10	20	14	"	D
Con VIII	" 9	S. Anasontind	"	Jul. 6, 1960	6	10	20	14	"	D
Con VIII	" 10	H. Kennard	"	Apr. 19, 1961	6	20	23	10	"	S
Con VIII	" 10	B. Corin	W. Packham	Aug. 25, 1961	7	30	12	8	"	D
Con VIII	" 10	H. VanderLeik	J. B. Ruttan	Aug. 27, 1962	6	6	27	6	"	D
Con VIII	" 10	C. Rino	W. Packham	Aug. 16, 1963	6	20	29	16	"	D
Con VIII	" 13	R. Kruckbereer	E. Constable	Jan. 25, 1960	6	5	8	2	"	D
Con VIII	" 13	J. Weir	J. B. Ruttan	Oct. 6, 1960	6	8	17	6	"	D
Con VIII	" 13	J. Underwood	W. Packham	Mar. 27, 1961	6	20	18	6	"	D
Con VIII	" 13	A. A. Leyen	J. B. Ruttan	May 16, 1963	6	18	7	8	"	C
Con IX	" 3	R. Alderson	W. Packham	Jun. 1, 1960	7	15	18	9	"	D
Con IX	" 3	G. Weiss	G. O. Wallis	Dec. 11, 1962	6	5	24	7	"	D
Con IX	" 3	J. Blund	W. Packham	Nov. 3, 1963	6	30	35	22	"	D
Con IX	" 5	D. Fellows	J. B. Ruttan	Jun. 28, 1960	6	8	25	18	"	D
Con IX	" 5	W. Roussel	"	Feb. 23, 1963	6	10	25	15	"	D
Con IX	" 6	P. Vanderheyden	"	Apr. 2, 1962	6	10	42	36	"	D
Con IX	" 7	G. Harris	"	Jun. 10, 1961	6	20	25	16	"	D

WENTWORTH COUNTY - cont.

WENTWORTH COUNTY - cont.			E. Flamborough Twp.			Glanford Twp.		
Con.	lot	Con	Con	lot	Con	Con	lot	Con
Con IX	lot 7	W. McConnell	F. Ince	Feb. 14, 1963	6	20	40	30
Con IX	" 8	J. Gray	W. Packham	Apr. 14, 1962	6	24	15	6
Con IX	" 8	C. Newell	"	Oct. 17, 1962	6	24	25	4
Con IX	" 11	C. Hawkins	Cross Bros.	Jul. 4, 1962	6	6	20	8
Con IX	" 11	J. L. 6, 1962	"	Jul. 6, 1962	6	6	20	8
Con IX	" 13	F. Schacter	W. Packham	Aug. 27, 1962	6	24	16	10
Con X	" 6	Lambert Const. Ltd.	J. B. Rutten	Jul. 1, 1960	6	1p	11	8
Con X	" 6	Dr. A. K. Johnston	W. Packham	Jul. 16, 1962	6	10	30	10
Con X	" 6	H. Parkes	"	Nov. 15, 1962	6	24	70	60
Con X	" 8	G. Watson	B. O'Connor	May 25, 1961	6	15	20	5
Con X	" 13	E. Volmann	W. Packham	May 18, 1962	6	5	20	6
Con XI	" 7	H. Parry	"	Aug. 2, 1962	6	20	65	55
Con XII	" 3	A. Stockner	J. B. Rutten	Apr. 17, 1961	6	20	115	110
Con XII	" 4	E. Zaborowski	E. Pegg	Dec. 14, 1961	5	8	80	45
Con XII	" 6	S. Greco	B. O'Connor	Jul. 6, 1960	5	7	30	12
Con XII	" 7	A. Page	W. Packham	May 14, 1962	6	15	30	30
Con XII	" 7	W. Korb	"	Jun. 24, 1960	6	10	45	24
Con XII	" 10	S. Melko	Cross Bros.	Sep. 17, 1961	6	10	50	25
Con XII	" 11	E. Bridle	W. Packham	May 30, 1960	6	5	15	10
Con XIII	" 2	J. King	C. J. Wallis	Feb. 1, 1960	7	20	15	9
Con XIII	" 6	A. R. Hewins	W. Packham	Apr. 27, 1963	6	30	50	20
Con XIV	" 6	G. Law	J. L. Graham	Nov. 7, 1963	6	10	120	60
Con XIV	" 6	"	"	Oct. 2, 1961	5	10	60	50
Glanford Twp.	lot 1	J. Smith	Cross Bros.	Sep. 19, 1960	6	1	110	90
Con I	" 5	G. Anilowski	P. Ince	Feb. 5, 1960	6	5	73	47
Con I	" 5	A. Alderson	Cross Bros.	Apr. 25, 1960	6	5	50	25
Con I	" 5	L. Roy	"	Apr. 26, 1960	6	5	50	20
Con I	" 6	A. Alderson	F. Ince	Jan. 30, 1960	6 1/2	20	40	30
Con I	" 6	"	"	Feb. 6, 1960	6 1/2	7	68	30
Con I	" 6	"	"	Jun. 6, 1960	6	5	72	30
Con I	" 6	"	"	Jun. 8, 1960	6	5	60	30
Con I	" 6	"	"	Jul. 1, 1960	6	4	64	29
Con I	" 6	"	"	Sep. 29, 1960	6	4	74	30
Con I	" 6	"	"	Jun. 28, 1961	6	20	50	30
Con I	" 6	"	"	Aug. 1, 1961	6	2	66	30
Con I	" 6	G. Schlammert	"	Aug. 16, 1961	6	25	45	30

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Glanford Twp. - cont. Con I lot 6 Con I " 6	G. Mbruliseima J. Toololski	F. Ince Cross Bros.	Oct.20,1961 Mar.30,1962	6 6	1 5	47 60	16 30	Fresh "	D D	Brown clay 3;blue clay 38;limestone 47. Water at 47. Topsoil 1;brown clay 18;blue clay 40;quicksand 64;limestone 75. Water at 73.
Con I " 6	F. Dalk	"	Dec.14,1962	6	2	78	30	"	D	Topsoil 1;brown clay 18;grey clay 30;quicksand 48;grey clay 65;limestone 79. Water at 74.
Con I " 6	F. Dalk	"	Feb.12,1963	6	1	78	30	"	D	Brown clay 6;blue clay 46;grey rock 70. Water at 65.
Con I " 6	S. Elzinga	F. Ince Cross Bros.	Apr.29,1963	6	1 1/2	70	30	"	D	Topsoil 1;brown clay 18;grey clay 32;quicksand 50;grey clay 66;limestone 80. Water at 76.
Con I " 9	P. Daly	"	May 8, 1961	6	10	20	5	"	D	Brown clay 20;quicksand 26;limestone 32. Water at 32.
Con I " 10	R. Lawry	W.E. Scriven	Oct.20,1960	6	3	30	25	"	D	Topsoil 7;brown clay 95;blue clay 48;limestone 65. Water at 65.
Con I " 13	J. Elliott	"	Sep.26,1962	6	3	65	35	"	D	Brown clay 15;blue clay 35;limestone 78. Water at 75.
Con I " 16	G. Mino	Cross Bros.	May 3, 1960	6	3	34	25	"	D	Brown clay 12;limestone 48. Water at 46.
Con I " 16	L. Posonski	F. Ince	Jun.27,1963	6	3	45	40	"	D	Brown clay 14;limestone 48. Water at 43.
Con II " 5	E. Harbridge	E. Constable	May 7, 1960	6	1 1/2	30	30	"	D	Topsoil 3;brown clay 30;fine sand 56;limestone 70. Water at 60.
Con II " 5	F. Paquette	Cross Bros.	Oct.15,1960	6	5	30	15	Sulphur	D	Brown clay 23;quicksand 40;blue clay 43;limestone 54. Water at 54.
Con II " 5	Ward & Fatmore Coal & Coke	W. Packham	Mar.15,1961	6	1	70	20	"	D	Grey clay 60;limestone 70. Water at 68.
Con II " 5	K. Best	F. Ince	Jun.12,1961	6	7	65	35	Fresh	D	Brown clay 3;blue clay 60;grey limestone 65. Water at 65.
Con II " 5	W. Kaesler	"	Aug.29,1961	6	15	108	38	"	D	Brown clay 4;blue clay 66;grey limestone 108. Water at 100.
Con II " 5	C.V. Smith	Hadco Well Digging	Aug.14,1963	30	3	32	15	"	D	Topsoil 3;clay 40. Water at 15 and 40.
Con II " 6	T. Hammond	F. Ince	Feb.13,1960	6 1/2	1 1/2	75	25	"	D	Brown clay 2;blue clay 52;limestone 75. Water at 75.
Con II " 6	K. Jolic	"	Oct. 1,1960	6 1/2	1 1/2	80	25	"	D	Brown loam 3;blue clay 55;grey limestone 80. Water at 80.
Con II " 6	H. Seebek	"	Jul. 6,1962	6	12	87	35	"	D	Brown clay 6;blue clay 61;limestone 87. Water at 70.
Con II " 6	D. King	Hadco Well Digging	May 5,1962	30	2	39	33	"	In	Topsoil 1;brown sandy clay 1;blue grey clay 3;blue sand rocks 33;blue sandy clay 40. Water at 32.
Con II " 6	A. Alderson	F. Ince	May 9, 1963	6	12	84	35	"	D	Dug in basement 5;blue clay 52;limestone 89. Water at 85.
Con II " 7	E. Schotsmann	W.E. Scriven	Aug.18,1960	6	3	22	15	"	D	Topsoil 2;brown clay 25;blue clay 50;limestone 75. Water at 75.
Con II " 7	H.H. McLeen	B.Embleton & Son	Nov.22,1960	6	2 1/2	81	32	"	D	Dark sandy loam 2;brown sandy loam 5;light brown sand 17; brown grey sand seems clay sand 28;fine sand mixture 52;brown grey sand seems clay 58;blue clay stone 61;grey brown limestone 78;dark grey brown limestone 85. Water from 69 to 78;red from 78 to 81.
Con II " 7	C. McDermont	F. Ince	Jun. 4,1963	6	15	90	40	Sulphur	D	Brown clay 6;blue clay 54;limestone 104. Water at 102.
Con II " 8	H. Seebek	"	Sep. 9,1963	6	10	75	40	Fresh	D	Brown clay 8;blue clay 48;rock 85. Water at 82.
Con II " 9	F. Wiersma	W.E. Scriven	Jul. 8,1960	6	3	25	15	"	D	Topsoil 2;brown clay 15;blue clay 39;limestone 60. Water at 60.
Con II " 9	"	"	Jun.30,1960	6	3	25	15	"	D	Topsoil 2;brown clay 12;blue clay 42;limestone 56. Water at 56.
Con II " 9	"	"	Apr.24,1962	6	3	40	30	"	D	Topsoil 2;brown clay 25;blue clay 33;limestone 50. Water at 50.
Con II " 10	J. Santing	"	Jul. 8,1960	6	10	22	14	"	D	Topsoil 2;brown clay 18;blue clay 28;limestone 40. Water at 40.
Con II " 10	J.D. Haiysh	"	Nov.25,1960	6	3	65	40	Sulphur	D	Topsoil 2;brown clay 15;blue clay 26;limestone 75. Water at 75.
Con II " 10	J. Jurzsa	E. Constable	Jan.12,1961	6	20	20	20	Fresh	D	Brown clay 10;blue clay 23;limestone 71. Water at 70.
Con II " 10	T. Tibor	W.E. Scriven	Mar.13,1961	6	10	45	35	"	D	Topsoil 2;brown clay 15;grey clay 25;limestone 71. Water at 71.
Con II " 10	A. Elliott	"	Oct.19,1962	6	3	30	20	"	D	Brown clay 15;blue clay 39;limestone 50. Water at 50.

WENTWORTH COUNTY - cont.

Glensford Con II	10	J. Battinza	E. Constable	May 24, 1962	6	3	22	20	Fresh	D	Topsoll 4; blue clay 40; coarse gravel 44; limestone 63. Water at 50.
Con II	"	J. Sabo	W.E. Scriven	Aug. 10, 1963	6	3	40	20	"	D	Topsoll 2; brown clay 25; gray clay 39; limestone 70. Water at 70.
Con II	"	V. Graham	S.W. Merritt	Jan. 11, 1961	5	15	20	18	"	D	Brown gray clay 45; rock 63. Water at 63.
Con II	"	J. Lewis	E. Constable	Jun. 4, 1962	2	78	20	20	"	D	Topsoll 3; brown clay 37; limestone 90. Water at 65.
Con II	"	T. Clotti	W.E. Scriven	Jun. 19, 1962	6	10	32	25	"	D	Topsoll 4; brown clay 28; blue clay 49; limestone 57. Water at 57.
Con II	"	N. Bacheck	"	Aug. 30, 1962	6	5	32	25	"	D, S	Brown clay 15; blue clay 26; limestone 50. Water at 57.
Con II	"	G. Weatherlie	"	Oct. 22, 1962	6	3	35	20	"	D	Brown clay 25; blue clay 41; limestone 54. Water at 53.
Con II	"	Starlite	Cross Bros.	Jan. 10, 1963	6	2	45	15	"	D	Topsoll 1; brown clay 15; blue clay 26; limestone 50. Water at 45.
Con II	"	D. Hobins	"	May 27, 1963	6	3	70	8	"	D	Topsoll 1; brown clay 27; blue clay 44; limestone 75. Water at 70.
Con II	"	G. Weatherbie	W.E. Scriven	Dec. 5, 1963	6	3	45	32	"	D	Topsoll 2; brown clay 12; gray clay 26; limestone 71. Water at 71.
Con II	"	L. Kosino	E. Constable	Jun. 18, 1960	6	15	20	20	"	D, S	Topsoll 3; brown clay 20; blue clay stones 56; limestone 65. Water at 60.
Con II	"	T. Tadeuszow	W.E. Scriven	Jun. 4, 1962	6	3	35	28	"	D	Topsoll 4; brown clay 25; blue clay 40; limestone 44. Water at 44.
Con II	"	E. Themergumbe	E. Constable	May 14, 1963	6	5	30	20	"	D, S	Topsoll 6; brown clay 58; limestone 60. Water at 60.
Con II	"	D. Law	W.E. Scriven	Jun. 13, 1960	6	5	20	15	"	D	Topsoll 2; brown clay 22; blue clay 37; limestone 44. Water at 44.
Con II	"	C. French	R. Ebleton & Son	Jul. 6, 1960	7	30	14	12	"	D	Brown clay 6; gray clay stones 32; limestone 49. Water at 41.
Con II	"	H. Roberts	S. Gill	Jan. 9, 1961	6	7	35	27	"	D	Deeened well 25; gray rock 40. Water at 38.
Con II	"	H. Robinson	"	Feb. 7, 1961	6	3	35	25	"	D	Drilled well 30; gray limestone 40. Water at 38.
Con II	"	B. Griffiths	W.E. Scriven	Nov. 14, 1961	6	3	45	31	"	D	Brown clay 4; blue clay 32; limestone 61. Water at 61.
Con II	"	Bertolini	Cross Bros.	Aug. 8, 1962	6	5	25	20	"	D	Topsoll 1; brown clay 18; blue clay 27; limestone 30. Water at 32.
Con II	"	Building Contr	"	Aug. 18, 1962	6	1	60	20	"	D	Brown clay 6; blue clay 26; limestone 60. Water at 50.
Con II	"	E. Robinson	F. Ince	May 23, 1963	6	2	69	20	"	D	Topsoll 5; blue clay boulder 40; limestone 87. Water at 85.
Con III	"	K.P. Coleman	E. Constable	Aug. 4, 1960	6	1	130	30	"	D	Brown clay 30; quicksand 80; sand gravel 108; limestone 129. Water at 120.
Con III	"	J. Petrie	"	Sep. 6, 1961	6	5	40	24	"	D	Topsoll 2; brown clay 30; quicksand 45; blue clay 64; limestone 88. Water at 68.
Con III	"	H. Blaney	F. Ince	Oct. 21, 1963	6	20	137	40	"	D	Brown clay 8; sandy clay 80; blue clay 97; limestone 137. Water at 130.
Con III	"	Mt. Hope Golf Club Ltd.	Ha'co Well Drilling	Apr. 7, 1962	30	2	53	34	"	D	Topsoll 1; brown clay 17; blue clay 22; blue clay 35; blue sand 34. Water at 22 and 44.
Con III	"	"	Cross Bros.	Jul. 22, 1963	6	15	90	10	"	Ir	Topsoll 1; brown clay 23; blue clay 40; quicksand 49; blue clay 66; limestone 147. Water at 100 and 146.
Con III	"	B. Saunders	F. Ince	Apr. 19, 1960	6	1	91	30	"	D	Loam 3; blue clay 64; limestone 91. Water at 91.
Con III	"	J. Haulzga	W.E. Scriven	Jul. 23, 1962	6	3	70	40	"	D	Topsoll 2; brown clay 40; blue clay 59; limestone 93. Water at 93.
Con III	"	W. Castenette	F. Ince	Sep. 20, 1962	6	8	75	35	"	D	Brown clay 8; gray clay 77; limestone 80. Water at 72.
Con III	"	H. Sebeck	"	Nov. 26, 1962	6	15	106	30	"	D	Brown clay 6; blue clay 60; limestone 106. Water at 75.
Con III	"	J. Hunsinger	W. Scriven	Dec. 27, 1962	6	3	90	50	"	D	Topsoll 2; brown clay 30; gray clay 56; limestone 90. Water at 90.
Con III	"	G. Bauder	F. Merritt	Aug. 3, 1963	6	1	90	33	"	D	Blue clay 52; shale 54; gray limestone 95. Water at 65.
Con III	"	C. Zilaytis	F. Ince	Sep. 26, 1960	6 1/2	1 1/2	77	25	"	D	Brown loam 3; blue clay 67; gray limestone 77. Water at 77.
Con III	"	P. Vaitkus	W. Peckham	May 14, 1962	6	4 1/2	100	40	"	D	Gray clay 68; limestone 106. Water at 100.
Con III	"	I. Znosnik	F. Ince	Jul. 8, 1963	6	25	50	8	"	D	Brown clay 6; blue clay 54; limestone 68. Water at 66.
Con III	"	L. Dorr	W.E. Scriven	Aug. 29, 1963	6	5	35	30	"	D	

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY -cont. Glanford Twp. -cont. Con III	L. Dorr	W.E. Scriven	Aug. 29, 1963	6	5	35	Fresh	D	Topsoil 2; brown clay 20; grey clay 60; limestone 68. Water at 66.
Con III	S. Elzinger	Cross Bros.	Oct. 18, 1963	6	3	72	"	D	Topsoil 1; brown clay 31; blue clay 42; fine sand 56; blue clay 65; limestone 80. Water at 75.
Con III	P. Holtrop	"	Nov. 19, 1963	6	2	85	"	D	Topsoil 1; brown clay 28; blue clay 45; quicksand 62; limestone 90. Water at 85.
Con III	C. Gladysz	"	May 1, 1963	6	8	28	"	D	Topsoil 1; brown clay 15; grey clay 32; limestone 35. Water at 35.
Con III	W. Kuitschenho	W.E. Scriven	Nov. 3, 1962	6	3	35	"	D	Brown clay 14; blue clay 22; limestone 64. Water at 62.
Con III	W. Malcew	Cross Bros.	Nov. 14, 1963	6	1	72	"	D	Brown clay 38; limestone 75. Water at 70.
Con III	L. Koster	E. Constable	Apr. 20, 1961	6	15	18	"	D	Topsoil 3; blue clay 39; limestone 64. Water at 56.
Con IV	C. Daiglush	W. Packham	Jun. 28, 1962	6	5	95	"	D	Clay 9; limestone 103. Water at 101.
Con IV	A. Alderson	F. Ince	Aug. 12, 1963	6	15	70	"	D	Drilled basement 5; blue clay 100; rock 109. Water at 108.
Con IV	A. Jacobs	G.J. Wallis	Jul. 12, 1960	6	14	98	"	D	Light brown clay 10; sandy grey clay 62; grey clay 103; grey limestone 108. Water at 107.
Con IV	W.E. Finch	Hadco Well Drilling	Sep. 30, 1961	30	15	44	"	D	Topsoil 1; brown clay 18; blue sandy clay 38; blue coarse sand 45. Water at 38.
Con IV	T.E. Mayberry	"	Oct. 29, 1963	30	2	48	"	D	Topsoil 2; brown clay 20; blue clay 35; blue sand 50. Water at 35.
Con IV	A. Alderson	F. Ince	Dec. 7, 1963	6	15	80	"	D	Drilled basement 4; brown clay 10; blue clay 103; limestone 112. Water at 110.
Con IV	H. Ridge	W. Packham	Mar. 9, 1963	6	20	60	"	D	Gistern 7; clay 108; shale 110; limestone 114. Water at 112.
Con IV	W. Brigham	"	Sep. 25, 1963	6	25	85	"	D	Clay 108; shale 110. Water at 110.
Con IV	A. Dickenson	F. Ince	Oct. 31, 1963	6	8	110	Sulphur	D, S	Brown clay 8; blue clay 111; limestone 121. Water at 111.
Con IV	B. Rupp	Cross Bros.	Nov. 1, 1960	5	3	120	Fresh	D	Brown clay 60; quicksand 95; blue clay 120; limestone 128. Water at 126.
Con IV	L. Bradshaw	W. Packham	Jan. 13, 1961	6	1	150	"	D	Grey clay 189; limestone 150. Water at 135.
Con IV	R. & S. Popper	"	Dec. 3, 1962	6	24	15	"	S	Clay 80; shale 82; solid rock 83. Water at 82.
Con IV	A. Alderson	F. Ince	Jan. 18, 1963	6	1	95	"	D	Brown clay 4; blue clay 80; grey rock 95. Water at 93.
Con IV	C. Smith	W. Packham	Jun. 3, 1961	6	20	90	"	D	Clay 30; silty clay 110; gravel 112; shale 114. Water at 112.
Con IV	C. O'Rourke	E. Constable	May 4, 1960	6	15	25	"	D	Topsoil 1; brown clay 20; blue clay stones 49; red shale 52. Water at 50.
Con IV	M. Cowland	W. Packham	Nov. 27, 1962	6	24	45	"	D	Clay 5; sandy clay 58; broken rock 60. Water at 59.
Con IV	E. Cowland	E. Constable	Aug. 31, 1960	6	15	12	"	D	Brown clay 10; blue clay 48; hardpan 50; coarse gravel 52. Water at 50.
Con IV	T. Minchin	F. Ince	Apr. 25, 1961	6	20	40	"	D	Brown clay 2; blue clay 44; limestone 50. Water at 50.
Con V	E. Fearce	W. Packham	Jan. 29, 1960	7	7	75	Sulphur	S	Grey clay 40; sandy grey clay 78; grey limestone 94. Water at 92.
Con V	W. Benedict	F. Merritt	Nov. 22, 1962	6	1	75	"	D, S	Blue clay 71; grey limestone 76. Water at 72.
Con V	E. Dekker	Cross Bros.	Jan. 8, 1960	6	2	72	Fresh	D	Brown clay 40; quicksand 98; limestone 102. Water at 102.
Con V	G. Fraser	F. Ince	Jan. 14, 1960	6	2	101	"	D	Brown clay 2; blue clay 92; limestone 101. Water at 101.
Con V	E. SENSE	Cross Bros.	Jun. 11, 1960	6	10	50	"	C	Clay 30; quicksand 100; limestone 103. Water at 103.
Con V	Elzinga & Dekker	"	Sep. 2, 1960	6	5	80	"	D	Brown clay 40; quicksand 85; blue clay 96; medium gravel 100. Water at 100.
Con V	W.R. Hicks	W. Packham	Oct. 6, 1960	6	10	35	"	D	Brown clay 90; silty clay 94; shale 97. Water at 95.
Con V	A. & A. Builders	E. Constable	Nov. 9, 1960	6	5	86	"	D	Brown clay 20; blue clay 90; red shale 100; coarse gravel 104. Water at 102.
Con V	F. Wiersma	W. Scriven	Aug. 9, 1962	6	10	75	"	D	Topsoil 4; brown clay 50; blue clay 105; coarse gravel 107. Water at 105.
Con V	A. Alderson	F. Ince	Sep. 4, 1962	6	1	98	"	D	Dug in basement 5; blue clay 79; limestone 98. Water at 94.
Con V	S. Smith	W. Packham	Sep. 24, 1962	6	24	70	"	D	Light brown clay 20; grey clay 100; limestone 104. Water at 94.
Con V	A. Alderson	F. Ince	Oct. 15, 1962	6	8	35	"	D	Brown clay 6; blue clay 82; limestone 96. Water at 94.
Con V	Lee's Restaurant	Cross Bros.	Jun. 28, 1963	6	10	85	Sulphur	C	Gravel 1; brown clay 18; blue clay 46; quicksand 60; blue clay 110; limestone 112. Water at 112.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Glenford										
Con VII	E.W.R. Smith	W. Packham	Sep. 21, 1963	6	25	41	40	Fresh	D	Clay 69; limestone 75. Water at 72.
Con VII	S. Taylor	P. Ince	Mar. 29, 1961	6	8	75	30	"	D	Brown loam 3; blue clay 72; grey limestone 75. Water at 75.
Con VII	C. Leitch	W. Packham	Oct. 11, 1961	6	2	90	30	"	D	Grey clay 8; limestone 95. Water at 83.
Con VII	J. Lerch	P. Ince	Jul. 9, 1960	6	15	86	40	"	D	Brown clay 3; blue clay 80; limestone 86. Water at 86.
Con VII	J. Burbridge	S.W. Merritt	Sep. 10, 1960	6	16	20	16	"	D	Dug well 52; brown clay 65; dark limestone 68. Water at 68.
Con VII	R. Gore	J. Wickett	Jul. 27, 1963	5	20	35	33	"	D	Yellow clay 20; blue clay 70; dirty gravel 83. Water at 82.
Con VII	R. Laidman	W. Packham	Nov. 5, 1963	6	10	25	22	Sulphur	D	Brown clay 62; shale 65; limestone 67. Water at 65.
Con VII	R. Smith	P. Ince	Sep. 18, 1963	6	10	60	35	"	D	Brown clay 8; shale 64; rock 67. Water at 66.
Con VII	Germania Club	G.J. Wallis	Jul. 8, 1963	6	15	13	11	Fresh	D	Brown clay 6; blue clay 24; shale 26. Water at 25.
Con VIII	J.S. Smith		Feb. 12, 1963	6	10	75	30	"	D	Light brown clay 21; grey clay 77; grey clay 84; fine sand gravel 85. Water at 84.
Con VIII	"	"	Nov. 14, 1963	6	18	75	38	"	D	Brown clay 22; grey clay 83; grey clay backed gravel 91; coarse sand fine gravel 92. Water at 91.
Con VIII	"	"	May 24, 1962	6	12	51	26	"	D	Brown clay 11; grey clay 50; gravelly grey clay 59; blue shale 61. Water at 60.
Con VIII	G. Deroo	P. Ince	Jun. 5, 1963	6	15	40	30	"	D	Brown clay 6; blue clay 55; shale 57. Water at 56.
Con VIII	R. Knox	E. Constable	Sep. 2, 1963	6	5	45	25	"	D	Tonsoil 5; blue clay 71; limestone 75. Water at 72.
Con VIII	H. Melick	Cross Brothers	Jun. 18, 1963	6	5	40	30	"	D	Tonsoil 1; brown clay 19; blue clay 40; mucks and 70; blue clay 75; gravel 76. Water at 76.
Con VIII	J. Marchesand		Sep. 14, 1962	6	6	60	45	"	D	Tonsoil 1; brown clay 19; blue clay 40; mucks and 70; blue clay 75; gravel 76. Water at 76.
Con VIII	E. Molditz	W.E. Scriven	Sep. 6, 1961	6	3	22	20	"	D	Tonsoil 3; brown clay 35; grey clay 55; coarse gravel 57. Water at 57.
Con VIII	R. Walker	P. Ince	Apr. 21, 1961	6	20	40	15	Sulphur	D, S	Brown loam 3; blue shale 56; shale 58. Water at 58.
HAMILTON CITY										
"	P. Daly	Cross Brothers	Jan. 24, 1960	6	2	40	15	Fresh	D	Brown clay 10; limestone 50. Water at 45.
"	G. Perez	R. Embleton & Son	Jan. 29, 1960	6	5	49	23	"	D	Brown clay 5; grey brown clay stone 27; grey clay pebbles 33; blue clay 44; blue clay stones harden 45; grey limestone 53. Water from 49 to 51.
"	F. Lehnert	Cross Brothers	Apr. 7, 1960	6	5	24	20	"	D	Old well 20; limestone 32. Water at 32.
"	P. Bohrer	"	Apr. 14, 1960	6	5	24	21	"	D	Old well 22; limestone 31. Water at 31.
"	Dairy Queen Bar	"	Apr. 19, 1960	6	5	30	14	"	C	Brown clay 7; limestone 35. Water at 34.
"	C. Szoba	S.W. Merritt	Apr. 23, 1960	5	17	18	12	"	D	Clay 61; limestone 25; granite mud 27; limestone 45. Water from 42 to 45.
"	Superbest Oil Co.	Cross Brothers	Apr. 26, 1960	6	5	30	27	Sulphur	C	Old well 20; limestone 40. Water at 39.
"	"	"	May 7, 1960	6	5	24	20	Fresh	C	Brown clay 9; limestone 31. Water at 30.
"	L. Harbottle	E. Constable	May 13, 1960	6	3	30	10	"	C	Brown clay 3; blue clay 10; limestone 45. Water at 25.
"	Mowhawk Garage	Cross Brothers	May 13, 1960	6	3	38	25	"	C	Brown clay 9; limestone 45. Water at 40.
"	A. Kaytor	W.E. Scriven	May 26, 1960	6	5	20	14	"	D	Brown clay 6; limestone 38. Water at 38.
"	Paul's Auto Body	"	May 28, 1960	6	5	20	14	"	D	Brown clay 6; limestone 38. Water at 38.
"	P. Manning	Cross Brothers	Jun. 21, 1960	6	5	15	14	"	C	Brown clay 10; limestone 24. Water at 24.
"	Bever Oil	"	Jun. 24, 1960	6	5	24	20	"	C	Brown clay 6; limestone 30. Water at 30.
"	E. Cochran	"	July 7, 1960	6	5	40	20	"	D	Old well 50; limestone 60. Water at 60.
"	R. C. Shnabrack	W.E. Scriven	Jul. 12, 1960	6	5	18	15	"	D	Tonsoil 2; brown clay 13; limestone 31. Water at 38.
"	E. Elliott	E. Constable	Aug. 18, 1960	6	3	34	8	"	D	Brown clay 12; light brown clay 14; sort grey clay 51; harden grey clay 62; grey clay 64; red shale 97. Water at 73 and 95.
"	Blig. Products Ltd.	G.J. Wallis	Aug. 22, 1960	6	3	87	6	Salty	N	Sand gravel 12; light brown clay 14; sort grey clay 51; harden grey clay 62; grey clay 64; red shale 97. Water at 73 and 95.
"	L. Dieleuran	W. Packham	Aug. 23, 1960	6	20	45	37	Fresh	D	Clay 3; silty clay 83; limestone 88. Water at 85.
"	S. Schlammerl	P. Ince	Aug. 30, 1960	6	10	45	32	"	D	Loam 4; blue clay 61; shale 62. Water at 62.

City - cont.	Locality	Driller	Date	Depth	Strata	Notes	Remarks
Hamilton	Dutch School	E. Constable	Sept. 7, 1960	6	10	33	26
"	E. Cross	Cross Brothers	Sept. 9, 1960	6	5	60	40
"	H. Davidson	"	Sept. 17, 1960	5	3	20	"
"	Asma Const.	W.B. Scriven	Sept. 27, 1960	5	3	30	32
"	J. Vanderwal	Cross Brothers	Sept. 29, 1960	6	5	44	30
"	H. Wilcox	H. Embleton & Son	Oct. 12, 1960	6	20	19	13
"	A. Quinn	E. Constable	Nov. 2, 1960	6	5	36	20
"	W. Rusak	A.E. Scriven	Nov. 16, 1960	6	10	40	40
"	M. Vase	E. Constable	Nov. 17, 1960	6	6	50	35
"	A.E. Wyatt	Cross Brothers	Nov. 22, 1960	6	5	40	"
"	L. Ray	"	Dec. 3, 1960	6	5	35	30
"	D.R. Jordan	H. Embleton & Son	Dec. 28, 1960	6	3	33	12
"	G. Roth	Cross Brothers	Jan. 5, 1961	6	5	50	40
"	Royal Bank of Canada	"	Jan. 12, 1961	6	5	60	60
"	T. Wilmot	A.E. Scriven	Jan. 16, 1961	6	5	30	28
"	J. Fazakas	Cross Brothers	Jan. 18, 1961	6	5	45	30
"	F. Howarth	"	Feb. 28, 1961	6	3	30	20
"	R. Chertay	G.J. Wallis	May 5, 1961	6	2	37 1/2	10
"	D. Vallee	Cross Brothers	May 5, 1961	6	3	42	32
"	F. Fair	E. Constable	May 10, 1961	6	3	36	20
"	A. Alderson	"	Jun. 26, 1961	6	20	60	35
"	A. Kovach	F. Ince	Jul. 5, 1961	6	1	59	30
"	G. Bertolotto	Allard Brothers	Jul. 5, 1961	2	9	48	48
"	Christalway-Gage-Wile-Millar	Cross Brothers	Jul. 12, 1961	6	3	30	15
"	Demik Const.	A.E. Scriven	Jul. 17, 1961	6	3	38	20
"	J. Topolski	Cross Brothers	Aug. 21, 1961	6	5	40	12
"	D.H. Matheson	"	Sept. 7, 1961	6	5	20	20
"	R. Morrow	"	Oct. 7, 1961	6	4	20	10
"	L. White	"	Oct. 16, 1961	6	3	34	30
"	E. Blanche	W.B. Scriven	Oct. 19, 1961	6	3	45	30
"	H. House	G.J. Wallis	Oct. 28, 1961	6	1	59	27
"	Frankel Const.	A.E. Scriven	Oct. 31, 1961	6	10	20	20
"	E. Smith	"	Nov. 21, 1961	6	5	22	15
"	W.A. Bennett	"	Dec. 2, 1961	6	3	18	14
"	Turkstra	S. Gill	Dec. 16, 1961	6	3	18	14
"	Lumber Co.	"	Dec. 20, 1961	6	5	27	13
"	Orient-White Const.	H. Embleton & Son	Dec. 20, 1961	6	30	28	26
"	F. Mcgridge	F. Ince	Dec. 28, 1961	6	3	76	20

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Hamilton City - cont.	K. Butkerloins Const.	F. Ince	Feb. 9, 1962	6	15	12	6	Fresh	D	Brown clay 5; blue clay 23; limestone 26. Water at 26.
"	R. Glover	Cross Brothers	Apr. 3, 1962	6	8	20	15	Sulphur	D	Topsoil 1; brown clay 12; limestone 30. Water at 39.
"	S. Shaver	"	Apr. 6, 1962	6	5	50	30	Fresh	D	Topsoil 2; brown clay 30; blue clay 30; quicksand 56; limestone 59. Water at 59.
"	R. Glover	"	Apr. 10, 1962	6	8	14	8	"	D	Topsoil 1; brown clay 10; limestone 24. Water at 23.
"	Hamilton Drive In Theatre	J. Embelton & Son	Apr. 17, 1962	6	20	33	31	"	D	Brown clay loam 3; brown clay 7; brown clay 16; silty sand 18; grey clay sand 54; grey limestone 82. Water from 59 to 61.
"	D. Van Hais	W.E. Scriven	Apr. 28, 1962	6	5	35	32	"	D	Topsoil 1; brown clay 2; blue clay 55; coarse gravel 57. Water at 57.
"	U. Omeara	F. Ince	May 1, 1962	6	5	38	20	"	D	Brown clay 14; limestone 38. Water at 36.
"	A. Elliott	W.E. Scriven	May 4, 1962	6	3	16	14	"	D	Topsoil 2; brown clay 14; grey clay 19; limestone 30. Water at 30.
"	A. Alderson	F. Ince	May 10, 1962	6	5	35	25	"	D	Old well 5; blue clay 3; limestone 45. Water at 40.
"	E. Cox	"	May 21, 1962	6	10	43	30	"	D	Brown clay 4; blue clay 5; grey limestone 57. Water at 53.
"	J. Berren	G.J. Wallis	Jun. 6, 1962	6	15	20	12	"	D	Light brown clay 11; grey clay 20; grey limestone 32. Water at 32.
"	"	"	Jun. 7, 1962	6	20	24	13	"	D	Light brown clay 9; grey clay 23; grey limestone 34. Water at 34.
"	D. Hiscok	Cross Brothers	Jun. 21, 1962	6	5	65	40	"	D	Topsoil 2; brown clay 20; blue clay 35; quicksand 43; limestone 75. Water at 73.
"	E. Goette	"	Jun. 23, 1962	6	5	60	40	Sulphur	D	Topsoil 1; brown clay 14; blue clay 40; quicksand 65; blue clay 66; limestone 71. Water at 71.
"	C. Almos	S. Gill	Jul. 7, 1962	6	10	76	51	Fresh	D	Brown clay 20; grey clay 40; fine sand 70; silt 76; grey rock 84. Water at 80 and 84.
"	J. Schotsman	W.E. Scriven	Aug. 6, 1962	6	5	46	30	"	D	Topsoil 2; brown clay 25; blue clay 46; limestone 63. Water at 63.
"	A. Alderson	F. Ince	Aug. 16, 1962	6	5	50	30	"	D	Old well 4; blue clay 44; limestone 50. Water at 55.
"	G. Levokovich	Cross Brothers	Oct. 27, 1962	6	5	35	25	"	D	Stone gravel 1; brown clay 0; limestone 30. Water at 37.
"	R. Horning	W.L. Scriven	Nov. 13, 1962	6	3	25	9	"	D	Brown clay 7; limestone 30. Water at 30.
"	L. Kassel	Cross Brothers	Nov. 16, 1962	6	3	45	30	"	D	Topsoil 1; brown clay 10; quicksand 50; coarse gravel 54. Water at 54.
"	A. Alderson	F. Ince	Jan. 15, 1963	6	1	73	25	"	D	Old well 4; blue clay 14; grey rock 77. Water at 70.
"	G. Roth	Cross Brothers	Jan. 17, 1963	6	10	70	20	"	D	Brown clay 17; blue clay 40; limestone 60. Water at 50.
"	N. Nikola	"	Mar. 3, 1963	6	10	40	10	"	D	Brown clay 4; limestone 27. Water at 25.
"	W. Miersma	"	Apr. 22, 1963	6	1	70	20	"	D	Topsoil 1; brown clay 16; grey clay 30; quicksand 40; grey clay 54; limestone 70. Water at 60.
"	G. Bertollo	"	Apr. 24, 1963	6	10	20	3	"	D	Topsoil 1; brown clay 16; limestone 31. Water at 29.
"	B. Prior	F. Ince	Apr. 25, 1963	6	10	20	3	"	D	Topsoil 1; brown clay 12; limestone 25. Water at 23.
"	R. Hendrie	E. Constable	Apr. 26, 1963	6	10	30	14	"	D	Brown clay 5; limestone 41. Water at 40.
"	R. Reid	S.W. Merritt	May 2, 1963	6	5	30	15	"	D	Topsoil 4; brown clay 1; shale 15; limestone 50. Water at 47.
"	R. Fletcher	W.E. Scriven	May 6, 1963	6	16	35	28	"	D	Brown clay 2; limestone 75. Water from 68 to 72.
"	L. Garbortle	E. Constable	May 30, 1963	6	3	35	15	"	D	Topsoil 2; brown clay 0; limestone 50. Water at 50.
"	A. Alderson	F. Ince	Jul. 16, 1963	6	5	48	43	"	D	Topsoil 4; blue clay stones 12; limestone 26. Water at 18.
"	"	"	Jul. 24, 1963	6	5	35	25	"	D	Brown clay 6; limestone 53. Water at 46.
"	"	"	Aug. 14, 1963	6	15	40	20	"	D	Old well 5; blue clay 4; limestone 55. Water at 48.
"	G. Horveeen	W.E. Scriven	Aug. 16, 1963	6	5	20	15	"	D	Topsoil 2; brown clay 13; limestone 30. Water at 30.
"	Starlite Dows Ltd.	Cross Brothers	Oct. 10, 1963	6	5	42	20	"	D	Brown clay boulders 15; limestone 54. Water at 50.
"	"	"	Oct. 15, 1963	6	5	40	18	"	D	Brown clay boulders 11; limestone 49. Water at 46.
"	L. Pks	W.E. Scriven	Oct. 23, 1963	6	3	38	20	"	D	Topsoil 2; brown clay 0; limestone 55. Water at 55.
"	J. Miklos	Cross Brothers	Oct. 26, 1963	6	3	35	25	Sulphur	D	Brown clay 40; limestone 43. Water at 43.
"	D. Quinn	W.E. Scriven	Nov. 8, 1963	6	3	28	15	"	D	Topsoil 2; brown clay 0; limestone 36. Water at 36.

Lot 7	J. Dundzik	G.J. Wallis	May 9, 1963	6	1	37	12	Fresh	D	Brown clay 15; blue clay 46; clay sand gravel 47. Water at 46.
22	J. Kemp	"	Nov. 22, 1960	6	1	78	10	"	D	Gray clay 54; blue clay gravel 65; red clay gravel 73; red shale 92. Water at 86.
1	A. Groppo	W. Packham	Dec. 19, 1960	6	1	40	15	"	D	Dug well 16; red clay 21; red shale 45. Water at 30.
"	J.B. Fuddicombe	"	Sep. 10, 1963	6	1	50	11	"	D	Red clay 15; red shale 53. Water at 22.
17	Can. Petrofin -a Ltd.	W.A. Lounsbury & Sons	May 10, 1961	7	6	45	15	"	C	Hard clay 11; red hardpan 22; red shale 42. Water at 42.
"	G. Vasser	G.J. Wallis	Jun. 15, 1962	6	12	23	8	"	D	Red clay 9; red clay red shale 14; red shale 33. Water at 31.
2	J. Daber	P. Merritt	Oct. 19, 1963	5	10	50	36	"	D	Blue clay 35; grey limestone 53. Water at 52.
"	A. Brycenko	W.E. Scriven	Jul. 28, 1961	3	3	50	33	"	D	Topsoil 2; brown clay 20; blue clay 33; limestone 72. Water at 72.
"	M. Doyko	S. Gill	Apr. 18, 1963	6	15	39	36	"	D	Brown clay 14; blue clay 43; grey rock 51. Water at 50.
12	S. Ezzatic	W.E. Scriven	Jun. 27, 1961	6	10	15	8	"	D	Topsoil 2; brown clay 13; limestone 33. Water at 33.
"	C. Moffat	G.J. Wallis	May 17, 1963	6	4	37	27	"	D	Brown topsoil broken limestone 3; grey limestone 47. Water at 45.
"	M. Glavinic	S.W. Merritt	Jun. 24, 1963	6	3	47	33	"	D	Red clay 12; red shale 25. Water at 16.
14	P. Woods	G.J. Wallis	Jul. 25, 1963	6	3	47	33	"	D	Brown soil broken limestone 4; grey limestone 12; dark grey limestone 51. Water at 49.
"	W. Bell	"	Aug. 16, 1963	6	2	55	36	"	D	Topsoil 2; grey limestone 52; dark blue limestone 65. Water at 30 and 63.
1	B. Lumley	P. Merritt	Nov. 23, 1960	6	10	20	9	"	D, S	Light brown clay 15; grey clay 23; grey limestone 41. Water at 40.
"	J. Swederski	G.J. Wallis	Apr. 30, 1962	6	25	31	18	"	D	Light brown clay 14; grey clay 43; grey limestone 52. Water at 51.
"	J. Demers	"	Nov. 30, 1960	6	20	45	43	"	D	Brown clay 21; grey clay 40; grey limestone 49. Water at 47.
"	J. Gere	"	Oct. 26, 1961	6	30	38	37	"	D	Dug well 18; grey clay 44; grey limestone 50. Water at 49.
"	T. Demers	"	Jan. 9, 1962	6	25	40	36	"	S	Light brown clay 14; grey clay 40; grey limestone 55. Water at 53.
"	G. Mather	"	Sep. 25, 1962	6	25	45	39	"	D	Brown stony soil 2; grey limestone 41. Water at 29 and 38.
"	Const.	"	Oct. 30, 1962	6	3	31	15	"	D	Brown clay 2; grey rock 42. Water at 25, 32 and 40.
"	Boden Bros.	"	Oct. 30, 1962	6	4	22	15	"	D	Light brown clay 20; grey clay 51; grey limestone 56. Water at 55.
"	T. Paul Const.	S. Gill	Apr. 14, 1960	6	30	46	40	"	D	Light brown clay 14; grey clay 45; grey limestone 49. Water at 48.
"	J. Dymond	G.J. Wallis	Jun. 3, 1960	6	30	39	34	"	D	Brown clay loam topsoil 2; brown clay 14; silty soft grey clay 19; blue clay sand 24; blue clay 42; blue clay small large stones 48; loose shaly limestone 50; grey limestone rock 58. Water from 52 to 56.
"	A. Davis	"	Jun. 13, 1960	6	30	39	34	"	D	Blue clay 12; grey rock 25. Water at 18.
"	G.H. Harris	R. Embleton & Son	Sep. 1, 1962	6	20	40	38	"	D	Brown topsoil 3; broken gravelly grey limestone 14; grey limestone 55. Water at 53.
"	"	"	Jan. 5, 1962	6	5	20	6	"	D	Brown clay 11; blue clay stones gravel 31; blue clay 49; grey limestone 98; blue limestone 109. Water at 76 and 102.
"	"	"	Jan. 21, 1963	6	6	45	34	"	D	Brown soil 4; grey limestone 32. Water at 17 and 51.
"	"	"	Apr. 2, 1963	6	2	99	44	"	S	Light brown clay 3; grey limestone 31. Water at 20 and 30.
"	"	"	Jul. 2, 1963	6	8	42	22	"	D	Light brown soil 2; grey limestone 51. Water at 32 and 49.
"	C.S. McDonald	"	Sep. 12, 1962	6	7	22	41	"	D	Light brown clay 3; grey limestone 45. Water at 35.
"	D. Grey	"	Sep. 20, 1962	6	3	35	11	"	D	Brown clay loam 6; brown clay stones 14; loose brown shale 18; brown grey limestone gravel 22; very hard grey limestone 29. Water from 18 to 25.
"	G. Sinclair	"	Jan. 22, 1962	6	3	23	18	"	D	
"	K. Page	"	Jan. 6, 1961	6	3	23	18	"	D	
"	B. Grubisich	"	Jul. 25, 1960	6	20	13	7	"	D	

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont. Saltfleet Twp. - cont. Con IV lot 21	I. Lako	R. Embleton & Son	Apr. 19, 1963	6	4	31	12	Sulphur	D	Dark brown clay loam 1; brown clay 3; brown grey clay small stones 9; blue clay stone 13; grey limestone rock 34. Water at 32.
Con IV " 26	A.S. Glover	"	Aug. 4, 1962	8	1	26	11	Fresh	D	Dark loam topsoil 1; brown clay loam 3; brown yellow clay 5; grey clay stone 7; mixture clay red clay 9; red shale rock 26. Water from 17 to 21.
Con IV " 26	"	"	Jul. 9, 1962	7	4	44	13	Salty	D	Dark red shale 45; dark and light red shale 51. Water from 41 to 43.
Con V " 2	D. Van Veen	G.J. Wallis	Sep. 14, 1962	6	30	11	9	Fresh	D	Grey clay 10; grey limestone 21. Water at 18.
Con V " 14	J. Murray	"	Jun. 15, 1960	6	15	15	3	Sulphur	D	Brown grey clay 5; grey limestone 20. Water at 19.
Con V " 14	W. Reilly	"	May 16, 1962	6	14	22	8	Sulphur	D	Light brown clay 8; grey clay 17; grey limestone 32. Water at 31.
Con V " 19	N. Koschanow	R. Embleton & Son	Feb. 17, 1960	6	30	12	4 1/2	Fresh	D	Dark loam topsoil 1; dark clay loam 1; brown clay small stones 18; dark light grey limestone rock 28. Water from 17 to 23.
Con V " 20	L. Smith	S.W. Merritt	May 24, 1960	6	8	48	30	"	D	Clay 8; limestone 60. Water from 28 to 60.
Con V " 20	A. Duncan	G.J. Wallis	May 28, 1960	6	14	26 1/2	23	"	D	Grey clay 3; grey limestone 36 1/2. Water at 35.
Con V " 21	R. Adams	S.W. Merritt	May 26, 1960	6	17	20	9	"	D	Clay 10 1/2; limestone 33. Water at 33.
Con VI " 2	H. Wilson	S.W. Merritt	Jan. 31, 1961	6	10	35	30	Sulphur	S	Brown clay 14; grey limestone 52. Water at 28 and 52.
Con VI " 2	W. Olafied	S.W. Merritt	Jan. 14, 1961	6	17	22	16	Fresh	D	Grey clay 13; limestone 32. Water at 32.
Con VI " 2	T. Olafied	"	Jul. 17, 1962	6	12	16	15	"	D	Clay 12; limestone 31. Water from 22 to 29.
Con VI " 5	K. Cerekwicki	G.J. Wallis	Aug. 15, 1962	6	30	19	15	"	D	Light brown clay 3; grey clay 11; grey limestone 29. Water at 27.
Con VI " 5	V. Benton	"	Aug. 23, 1962	6	4 1/2	40	36	Sulphur	D	Light brown clay 10; grey limestone 50. Water at 48.
Con VI " 6	F. Vander	"	Jun. 27, 1963	6	8	20	14	Fresh	D	Blue clay 14; grey limestone 25. Water at 24.
Con VI " 8	J. Fidal	Gross Brothers	Oct. 6, 1960	6	5	30	20	Sulphur	D	Brown clay 18; limestone 32. Water at 30.
Con VI " 8	Z. Venkan	Haco Well Dig- ging Ltd.	"	30	"	"	"	"	"	Topsoil 1; blue clay 15; brown clay gravel 18. Dry hole.
Con VI " 10	J. Iwanecuk	G.J. Wallis	Sep. 13, 1962	6	20	17	13	Fresh	S	Light brown clay 11; broken gravelly limestone 13; grey lime- stone 23. Water at 21.
Con VI " 10	"	"	Sep. 14, 1962	6	30	19	14	"	S	Grey clay 20; grey limestone 29. Water at 27.
Con VI " 10	Z. Keserzak	"	Nov. 19, 1963	6	29	29	21	Sulphur	S	Brown clay 3; grey clay 10; grey clay gravel 20; grey limestone 32. Water at 37.
Con VI " 14	P. Horvath	Gross Brothers	Sep. 12, 1961	6	3	35	28	"	D	Brown clay 19; limestone 38. Water at 38.
Con VI " 17	A.P. Lutyk	G.J. Wallis	Nov. 20, 1963	6	9	25	9	"	S	Brown clay 13; grey limestone 35. Water at 33.
Con VI " 18	A. Bonur	S. Gill	Apr. 25, 1963	6	15	25	15	"	D	Brown clay 14; grey rock 50. Water at 49.
Con VI " 19	E. Reinrich	S.W. Merritt	May 28, 1960	6	6	26	26	Fresh	D	Clay 10; limestone 34. Water at 34.
Con VI " 19	W. Kramolowsky	R. Embleton & Son	Feb. 9, 1961	6	12	26	24	Sulphur	D	Black clay loam 1; brown clay loam 3; brown grey clay 5; grey clay stones 9; broken loose limestone 10; grey limestone 34. Water from 29 to 31.
Con VI " 20	E. Fichtner	"	Aug. 14, 1960	6	12	14	9	Fresh	D	Dark loam topsoil 2; dark brown clay loam 4; brown grey clay 7; grey clay small stones 9; grey limestone rock 19; grey brown limestone 25. Water from 19 to 23.
Con VI " 24	Speedway Trak	W.L. Field & Son	Feb. 22, 1962	7	20	100	30	Sulphur	P	Brown clay 10; blue clay 19; black rock 26; grey limestone 82; grey limestone 109; white limestone 120. Water at 26, 82 and 109.
Con VI " 26	H. Felker	F. Merritt	Jan. 3, 1961	6	10	60	45	"	D	Brown clay 5; grey limestone 73. Water at 34 and 72.
Con VI " 31	L. Balsor	E. Constable	Aug. 4, 1960	6	8	8	30	Fresh	D	Brown clay 8; limestone 32. Water at 30.
Con VI " 31	H. Boyachuck	"	Feb. 21, 1961	6	10	27	10	"	D	Brown clay 10; grey limestone 35. Water at 33.
Con VII " 3	J. Oldfield	F. Merritt	Jul. 27, 1960	5	1	20	12	"	D	Clay 18; limestone 21. Water at 21.
Con VII " 3	A. Windmann	S. Gill	Mar. 26, 1962	5	5	53	35	"	D	Old well 43; limestone 58. Water at 55.
Con VII " 17	T. Fenton	P. Ince	Dec. 21, 1961	6	15	30	20	"	D	Brown clay 3; blue clay 36; gravel 38. Water at 38.
Con VII " 19	W.E. Costello	W.D. Scriven	Dec. 15, 1962	6	5	28	15	"	D	Topsoil 2; brown clay 25; grey clay 36; coarse gravel 38. Water at 36.

WENTWORTH COUNTY - cont.

Saltpetre lot	Twp.	Con	W.E. Scriven	Jun. 18, 1960	8	10	18	5	In	Sulphur	In	Topsoil 2; brown clay 15; grey clay 21; limestone 30. Water at 30.
23	"	23	"	Sep. 3, 1960	6	10	20	14	In	"	In	Topsoil 2; brown clay 13; blue clay 24; limestone 40. Water at 40.
25	Abbots Ford Homes Ltd. Merina Bros. Const.	25	R. Embleton & Son	Jun. 16, 1960	6	30	11	4	D	Fresh	D	Brown clay 6; brown grey clay 11; grey blue clay pebbles 11; grey limestone 29. Water from 21 to 23.
25	"	25	"	Sep. 24, 1960	6	20	13	9	D	"	D	Dark clay loam librown clay 3; brown grey clay small stones 9; grey clay pebbles small stones 11; grey limestone 32. Water at 26.
25	Imperial Oil	25	Cross Brothers	Dec. 7, 1960	6	10	25	20	C	Sulphur	C	Brown clay 22; limestone 39. Water at 39.
25	"	25	G.J. Wallis	Nov. 22, 1962	6	5	16	7	D	Fresh	D	Light brown clay 10; grey limestone 26. Water at 25.
26	R. Fair	26	E. Constable	Feb. 25, 1960	6	3	18	3	D	"	D	Brown clay 6; limestone 27. Water at 25.
28	D. Thompson	28	R. Embleton & Son	Jul. 12, 1961	5	20	17	12	D	"	D	Brown clay 1; grey limestone 14; grey brown limestone 21; brown limestone 30. Water at 11 and from 19 to 23.
28	"	28	"	May 28, 1962	6	20	16	11	D	"	D	Brown clay 3; grey limestone 15; grey brown limestone 22; brown limestone 31. Water at 12 and from 20 to 24.
28	E. Sunden	28	W.E. Scriven	Jan. 25, 1963	6	3	30	12	D	"	D	Brown clay 4; limestone 36. Water at 36.
29	Mount Alton Club	29	F. Ince	Jan. 25, 1960	6	2	5	25	P	Sulphur	P	Brown clay 2; blue clay 17; limestone 58. Water at 58.
29	J. Thomas	29	R. Embleton & Son	Oct. 17, 1960	6	30	14	11	D	Fresh	D	Brown clay 2; limestone 34. Water at 34.
30	E.K. Klein	30	G.J. Wallis	Dec. 21, 1962	6	30	15	9	S	Sulphur	S	Brown soil stones 8; grey clay stones 11; grey limestone 32. Water at 30.
31	Circle "G"	31	"	Jun. 29, 1960	6	< 2	90	42	S	"	S	Grey clay 28; grey limestone 100. Water at 50.
32	B. Lambert	32	W.E. Scriven	May 25, 1963	6	4	20	15	D	"	D	Topsoil 2; brown clay 22; blue clay 30; limestone 33. Water at 33.
3	L. Martin	3	F. Merritt	Nov. 25, 1961	6	10	32	27	D, S	Fresh	D, S	Brown clay 30; grey rock 35. Water at 32 and 35.
5	J. Blaney	5	"	Oct. 20, 1961	6	10	35	30	D	"	D	Brown clay 34; grey rock 40. Water at 30.
16	T. Smit	16	W.E. Scriven	Oct. 7, 1960	6	3	17	14	D	"	D	Topsoil 2; brown clay 15; blue clay 26; limestone 33. Water at 33.
16	W. Neumann	16	G.J. Wallis	Aug. 9, 1962	6	25	45	34	D	"	D	Light brown clay 16; grey clay 27; grey limestone 55. Water at 50.
17	Highland Packers	17	R. Embleton & Son	May 20, 1961	6	18	31	30	In	"	In	Brown clay loam 3; brown clay stone 4; light brown grey clay 19; grey blue soft clay 22; blue clay small stones 25; blue clay broken limestone 27; grey limestone 41; grey brown limestone 51. Water from 32 to 43.
17	D. Palmieri	17	Cross Brothers	Jul. 7, 1961	6	5	26	20	D	"	D	Topsoil librown clay 26; quicksand 20; limestone 44. Water at 44.
19	A.W. Henson	19	G.J. Wallis	Sep. 30, 1960	6	3	31	18	D	"	D	Light brown clay 14; grey clay 41; broken rock sand 41. Water at 41.
19	J. MacLean	19	F. Merritt	May 2, 1963	5	10	25	20	D	"	D	Brown clay 38; grey limestone 40. Water at 40.
21	R. Dettar	21	G.J. Wallis	Jan. 2, 1960	6	25	20	19	D	"	D	Light brown clay 18; grey clay 27; medium gravel sand 28. Water from 27 to 28.
21	J. Basso	21	W.E. Scriven	May 5, 1960	6	3	20	13	D	"	D	Topsoil 2; brown clay 20; blue clay 31; coarse gravel 34. Water at 34.
21	R. McManara	21	W. Packham	Nov. 26, 1960	6	10	25	19	D	"	D	Brown clay 40; shale 37. Water at 36.
23	D. Dorr	23	Cross Brothers	Jul. 16, 1960	6	3	30	20	In	"	In	Brown clay 40; limestone 43. Water at 42.
23	O.L.A. School	23	R. Embleton & Son	May 11, 1962	6	1	19	17	P	Sulphur Fresh	P	Brown clay 40; limestone 60. Water at 60.
24	A. Bartoszek	24	F. Merritt	Jul. 4, 1961	6	10	15	6	S	"	S	Dark clay loam 2; dark brown yellow clay 4; grey clay stones 15; blue clay loose stones 16; shale loose limestone 21; brown limestone 43. Water from 28 to 34.
26	R. Fletcher	26	W.E. Scriven	Apr. 22, 1960	6	5	14	13	D	"	D	Brown clay 4; grey rock 29. Water at 27.
26	"	26	"	Apr. 23, 1960	6	3	14	10	D	"	D	Brown clay 12; blue clay 16; limestone 28. Water at 28.
26	"	26	"	"	6	3	14	10	D	"	D	Topsoil 2; brown clay 14; blue clay 17; limestone 28. Water at 28.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
Saltfleet Twp. - cont.										
Con VIII lot 26	E. Croley	W.E. Scriven	May 31, 1960	6	5	20	12	Fresh	D	Topsoil 2; brown clay 17; blue clay 22; limestone 35. Water at 35.
Con VIII " 26	T. Paul	S. Gill	Oct. 26, 1962	6	10	24	16	Sulphur	D	Grey clay 20; black rock 34. Water at 30.
Con VIII " 30	Hannon Free Methodist Parsonage	S.W. Merritt	Jul. 28, 1962	6	10	30	16	Fresh	F	Clay 18; limestone 50. Water at 45.
Con VIII " 31	A. Heitsma	W.E. Scriven	Jun. 11, 1963	6	3	30	22	"	D	Topsoil 2; brown clay 11; limestone 42. Water at 42.
Con VIII " 32	R. Edney	R. Embleton & Son	Jun. 18, 1961	6	20	25	11	"	D	Brown clay black fill 3; dark clay loam 5; light dark brown clay 8; grey limestone blue rock 22; light grey limestone 34. Water from 16 to 23.
Con VIII " 32	L. Nicholson	"	Aug. 11, 1961	6	30	24	24	"	D	Brown clay 12; grey clay stones 13; limestone 39. Water at 30.
Con VIII " 33	H. Staples	E. Constable	May 17, 1960	6	3	20	12	"	D	Topsoil 3; blue clay 9; limestone 35. Water at 20.
Con VIII " 33	J. Vanspungen	R. Embleton & Son	Sept. 14, 1960	6	40	18	13	"	D	Dark clay loam 2; brown clay 6; brown grey clays small stones 11; grey limestone 37. Water from 32 to 34.
Watertown Village										
" " "	W. Pennell	B. O'Connor	Aug. 2, 1960	6	1	70	18	Fresh	D	Boulders clay 23; limestone 6; red shale 72. Water at 70.
" " "	L. Buchan	G.J. Wallis	Jul. 20, 1962	6	25	40	36	"	Ir	Brown sand 18; grey clay gravel 34; white grey limestone 54. Water at 49.
West Flamboro Twp.										
Con I lot 1	S. Vandermulen	F. Ince	Feb. 5, 1963	6	14	65	15	Fresh	D	Brown clay 6; sandy clay 27; grey rock 65. Water at 63.
Con I " 3	R. Frost	W. Packham	May 10, 1961	6	15	80	28	"	D	Loam brown clay 30; silty grey clay 94; limestone 107. Water at 104.
Con I " 4	A.&A. Lumber Co.	E. Constable	Feb. 3, 1960	6	3	94	20	"	D	Brown clay 13; quicksand 82; limestone 112. Water at 84.
Con I " 4	N. Learitt	G.J. Wallis	May 25, 1960	6	1	135	45	"	D	Reddish brown sandy soil 19; sandy grey clay 32; grey clay 49; red sand 68; hard grey clay 95; white limestone 145. Water at 110.
Con I " 4	E. Cresson	"	Jun. 22, 1960	6	5	76	45	"	D	Reddish brown sandy clay 10; grey clay 44; red sand 53; grey clay gravel 70; light grey limestone 90. Water at 87.
Con I " 4	J. Alderson	R. Swayze	Aug. 22, 1961	6	4	100	48	"	D	Clay stones 40; sandy clay 94; grey limestone 109. Water at 106.
Con I " 4	N. Daines	"	Sept. 4, 1961	6	1	120	46	"	D	Grey brown clay 52; grey limestone 105; shale 110; grey limestone 195; red shale 130. Water at 110.
Con I " 5	W. Hollis	S. Gill	Nov. 12, 1962	6	7	135	120	"	D	Brown clay 20; blue clay 40; clay sand 120; fine sand 159; red shale 160; blue shale 174. Water at 165 and 174.
Con I " 7	L.J. Murray	Cross Brothers	Dec. 1, 1960	6	10	40	40	"	D	Topsoil 2; brown clay 24; quicksand 50; sand gravel 75; limestone 83. Water at 80.
Con I " 7	Zecchini Bros. Const.	G.J. Wallis	Jun. 1, 1961	6	20	24	5	"	D	Light brown sandy soil 14; grey clay 32; broken limestone fine gravel 34. Water at 33.
Con I " 7	J. McDermott	F. Ince	Aug. 8, 1962	6	10	45	25	"	D	Brown clay 4; blue clay 20; grey limestone 50. Water at 49.
Con I " 7	A. Bradley	Cross Brothers	Jun. 1, 1963	6	5	43	30	"	D	Sandy loam 17; brown clay 25; blue clay 50; fine gravel 55. Water at 55.
Con I " 8	J. Bensick	F. Ince	Jun. 11, 1960	6	14	40	10	"	D	Loam 4; blue clay 27; limestone 40. Water at 40.
Con I " 8	B. Cresson	G.J. Wallis	Jul. 7, 1960	6	13	56	50	"	D	Light brown sandy clay 42; grey clay 64; gravelly grey clay 70; fine coarse sand fine gravel 77; hard grey clay 82; limestone. Water from 70 to 77.
Con I " 8	J. Bensick	F. Ince	Oct. 18, 1960	6	10	25	5	"	D	Brown loam 4; blue clay 33; grey shale 34. Water at 34.

WINTHROP COUNTY - cont.

Con	I	lot	J. Bensick J. Moore	F. Ince G.J. Wallis	Oct. 20, 1960 Oct. 25, 1960	6 6	1 1	40 61	10 30	Fresh "	D	Brown loam 3; blue clay 36; grey limestone 40. Water at 40. Light brown clay 19; grey clay 41; gravel grey clay 55; grey limestone 71 1/2. Water at 62. Topsoil 2; brown sandy soil 30; blue clay 57; limestone 62. Water at 62. Brown loam 2; sandy clay 08; grey limestone 100. Water at 100. Brown loam 3; blue clay 30; grey limestone 38. Water at 38. Brown clay 5; stony clay 56; grey limestone 58. Water at 57. Topsoil 2; brown clay 40; sandy soil 50; grey clay 00; limestone 101. Water at 101. Brown clay 4; blue clay 45; grey limestone 77. Water at 70. Brown clay 4; stony blue clay 100; grey limestone 110. Water at 105. Brown clay 4; stony blue clay 67; grey shale 68; limestone 72. Water at 68. Brown clay 6; blue clay 72; limestone 08. Water at 84. Brown clay 4; sandy clay 60; sand 70. Water at 60. Brown clay 4; blue clay 54; limestone 70. Water at 68. Brown clay 10; stony clay 87; limestone 98. Water at 87. Brown clay 10; stony blue clay 35. Water at 35. Brown clay 6; blue clay 65; coarse gravel 66. Water at 66. Brown clay 9; limestone 25. Water at 20. Sandy clay 10; blue clay 70; silt gravel 09; coarse sand 92. Water at 92. Loam 3; blue clay 79; limestone 96. Water at 96. Light brown sandy clay 00; grey clay 51; clay sand gravel 60; coarse gravel layers limestone 64; hard grey clay 80; grey limestone 83. Water at 81. Brown clay 10; brown sand 20; quicksand 100; blue clay 114; limestone 132. Water at 130. Old well 102; brown limestone 115. Water at 110 and 114. Sandy clay 24; limestone 31. Water at 31. Brown clay stones 11; brown rock 44. Water at 42. Brown clay 4; blue clay 51; limestone 58. Water at 56. Brown clay 4; blue clay 60; sandy clay 96; limestone 02. Water at 01. Loam light brown clay 24; limestone shale 65; limestone 80. Dry hole. Clay 5; limestone 25. Water at 20. Brown clay 2; blue clay 23; limestone 60; red shale 100. Water at 100. Topsoil 1; brown clay 17; blue clay 21; limestone 77. Water at 75. Brown clay 18; grey limestone 41; light blue limestone 60; dark blue rock 67; grey limestone 73; soft brown rock 82; blue shale 89; red shale 90. Water at 88. Brown clay 12; grey clay 19; grey limestone 70; blue rock 07; red shale 88. Water at 86. Light brown clay 12; grey clay 16; grey limestone 69; blue rock 89; red shale 90. Water at 89. Brown clay 10; grey clay 16; grey limestone 73; blue rock 07; red shale 94. Water at 92.
Con I	Con I	lot 8	J. Bensick	F. Ince	Oct. 20, 1960	6	1	40	10	Fresh	D	Brown loam 3; blue clay 36; grey limestone 40. Water at 40.
Con I	Con I	" a	J. Moore	G.J. Wallis	Oct. 25, 1960	6	1	61	30	"	D	Light brown clay 19; grey clay 41; gravel grey clay 55; grey limestone 71 1/2. Water at 62.
Con I	Con I	" o	K. Gunby	M.E. Scriven	Apr. 19, 1961	6	3	42	34	"	D	Topsoil 2; brown sandy soil 30; blue clay 57; limestone 62. Water at 62.
Con I	Con I	" 8	K. Heidt	F. Ince	May 2, 1961	6	1	100	50	"	D	Brown loam 2; sandy clay 08; grey limestone 100. Water at 100.
Con I	Con I	" 8	K. Bensick	"	May 3, 1961	6	2	34	8	"	D	Brown loam 3; blue clay 30; grey limestone 38. Water at 38.
Con I	Con I	" o	W. Knight	"	Aug. 9, 1961	6	25	35	25	"	D	Brown clay 5; stony clay 56; grey limestone 58. Water at 57.
Con I	Con I	" 8	H. Hubert	M.E. Scriven	Sep. 2, 1961	5	3	50	40	"	D	Topsoil 2; brown clay 40; sandy soil 50; grey clay 00; limestone 101. Water at 101.
Con I	Con I	" 8	G. Kuhn	F. Ince	Sep. 14, 1961	6	30	77	30	"	D	Brown clay 4; blue clay 45; grey limestone 77. Water at 70.
Con I	Con I	" 8	L. Shetsinger	"	Mar. 22, 1962	6	1	110	50	"	D	Brown clay 4; stony blue clay 100; grey limestone 110. Water at 105.
Con I	Con I	" 8	L. Fiedler	"	Apr. 5, 1962	6	7	60	35	"	D	Brown clay 4; stony blue clay 67; grey shale 68; limestone 72. Water at 68.
Con I	Con I	" 8	J. Collins	"	Aug. 21, 1962	6	40	88	45	"	D	Brown clay 6; blue clay 72; limestone 08. Water at 84.
Con I	Con I	" 8	K. Fritz	"	Aug. 25, 1962	6	8	70	50	"	D	Brown clay 4; sandy clay 60; sand 70. Water at 60.
Con I	Con I	" 8	P. Fickard	"	Aug. 27, 1962	6	2	65	30	"	D	Brown clay 4; blue clay 54; limestone 70. Water at 68.
Con I	Con I	" 8	D. Sneed	"	Dec. 6, 1962	6	5	94	78	"	D	Brown clay 10; stony clay 87; limestone 98. Water at 87.
Con I	Con I	" 8	H. Roehl	"	Apr. 16, 1963	6	15	20	15	"	D	Brown clay 10; stony blue clay 35. Water at 35.
Con I	Con I	" 8	T. Werling	"	Apr. 17, 1963	6	8	52	41	"	D	Brown clay 6; blue clay 65; coarse gravel 66. Water at 66.
Con I	Con I	" 8	L.D. Kyles	S. Gill	Jun. 27, 1963	6	7	18	14	"	D	Brown clay 9; limestone 25. Water at 20.
Con I	Con I	" 8	J.C. Bartholomew	"	Aug. 16, 1963	6	7	20	70	Sulphur	D	Sandy clay 10; blue clay 70; silt gravel 09; coarse sand 92. Water at 92.
Con I	Con I	" 9	F. Roos	F. Ince	Mar. 25, 1960	6	6 1/2	86	30	Fresh	D	Loam 3; blue clay 79; limestone 96. Water at 96.
Con I	Con I	" 9	J.F. Woods	G.J. Wallis	Mar. 25, 1960	6	9	73 1/2	46	"	D	Light brown sandy clay 00; grey clay 51; clay sand gravel 60; coarse gravel layers limestone 64; hard grey clay 80; grey limestone 83. Water at 81.
Con I	Con I	" 9	d. Wilson	Cross Brothers	Oct. 20, 1960	6	5	120	106	"	D	Brown clay 10; brown sand 20; quicksand 100; blue clay 114; limestone 132. Water at

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
WENTWORTH COUNTY -cont.										
West Flemboro Twp. -										
cont.										
Con I lot 18	J. Bos	G.J. Wallis	Jun.25,1963	6	1	81	40	Fresh	D	Light brown clay 10;grey clay 20;grey limestone 74;blue rock 92;red shale 94. Water at 76.
Con II	F. Rader	"	Jan.23,1961	6	1	50	18	"	D	Dug well 20;grey clay 29;grey limestone 60. Water at 49.
Con II	A. Huettl	F. Ince	May 17,1961	6	1	128	45	"	D	Brown sandy clay 5;red sandy clay 109;grey limestone 128. Water at 115.
Con II	R. Nagle	"	Jul.20,1962	6	5	114	40	"	D	Brown clay 8;sandy clay 40;blue clay 104;grey limestone 114. Water at 112.
Con II	"	Cross Brothers	Nov. 2,1962	6	3	115	60	"	D	Topsoil 1; sandy loam 48;grey clay 101;quicksand 108;limestone 119. Water at 115.
Con II	"	"	Apr.25,1960	10	60	4	0	"	In	Light brown loam 15;grey limestone 70. Water at 25 and 65.
Con II	Dundas Valley Food Products Domestic Cement & Const	W. Packham	Aug.12,1960	6	3	75	60	"	D	Brown clay 15;sandy clay 95;grey limestone 120. Water at 110 and 118.
Con II	"	S. Gill	Dec. 7,1963	6	3	80	40	"	D	Topsoil 21;sandy loam 15;brown clay 40;quicksand 96;blue clay 106;limestone 116. Water at 115.
Con II	J. Bezjak	Cross Brothers	Nov.10,1961	6	7	130	72	Sulphur	D	Brown clay 30;brown clay stones 90;blue clay 109;grey limestone 133. Water at 130.
Con II	A.F. Thompson	R. Swayze	Oct.13,1960	6	18	29	27	Fresh	D	Light reddish brown sandy soil 29;grey limestone 36. Water at 35.
Con II	H. Ferdiel	G.J. Wallis	Mar.17,1961	6	1	54	25	"	D	Brown sand soil 12;grey clay 22;grey limestone 64. Water at 47 and 62.
Con II	B. Hammirk	"	Jul.24,1961	6	5	41	35	Sulphur	D	Brown clay 11;grey rock 150. Water at 90.
Con II	R.O. Denman	S. Gill	Aug.17,1961	6	5	41	35	"	D	Brown clay 14;grey rock 106. Water at 85.
Con II	"	"	Dec. 5,1961	6	1	32	20	Fresh	D	Brown clay 2;grey rock 29. Water at 58.
Con II	D. Gee	F. Ince	Dec. 7,1962	6	18	80	35	"	D	Brown clay 4;blue clay 40. Water at 72.
Con II	B. Veerham	S. Gill	Oct.24,1962	6	10	30	23	"	D	Old well 27;grey rock 40. Water at 55.
Con II	C. Garkson	F. Ince	Oct.10,1963	6	15	20	25	"	D	Brown clay 7;sandy clay 25;limestone 27. Water at 25.
Con II	E. Nash	J.A. Anderson	Dec.20,1963	6	3	42	42	"	D	Previously drilled 4;grey limestone 63. Water at 60.
Con II	W. Nicholson	G.J. Wallis	May 30,1960	6	10	36	23	"	D	Black tonsill fired;fish brown soil 4;red;fish soil sand gravel 15;red;fish brown sandy soil 104;grey limestone 46. Water at 45.
Con II	P. Gasse	"	Sep.22,1961	6	2	54	18	"	D	Light brown sandy soil 9;packed sand gravel;yellow clay 33;grey limestone 64. Water at 48 and 62.
Con II	G. Vaden	"	May 26,1962	6	2 1/2	23	12	"	D	Dug well 16;fired sand gravel 24;grey limestone 33. Water at 31.
Con II	J. Romkes	"	May 29,1962	6	25	29	14	"	D	Dug well 17 1/2;red sandy soil gravel 23;grey limestone 39. Water at 37.
Con II	M. Mathewson	"	May 31,1962	6	15	18	12	"	D	Red sandy soil 18;red sand gravel 21 1/2;grey limestone 28 1/2. Water at 30.
Con II	"	"	Jun.13,1962	6	25	29	18 1/2	"	D	Dug well 21;brown sandy soil 28;grey limestone 39. Water at 38.
Con II	A. Boustead	"	Oct.31,1963	6	6	69	34	"	D	Reddish brown sandy soil 14;grey clay gravel 17;grey limestone 79. Water at 44 and 78.
Con II	S. Fetroski	"	Oct.31,1963	6	5	35	18	"	D	Topsoil 1;sandy loam 9;sand 28;limestone 42. Water at 40.
Con II	H. Unker	Cross Brothers	Jan.28,1961	6	7 1/2	21	12	"	D	Red sand gravel 18;broken limestone 28. Water at 27.
Con II	W. Roser	G.J. Wallis	Mar. 4,1961	6	3	59	34	"	D	Brown clay 10;coarse sand 53;grey gravel 86. Water at 84.
Con II	C. Hayes	S. Gill	Nov.10,1962	6	10	42	35	"	D	Topsoil 1;sandy loam 10;sandy gravel 42;limestone 52. Water at 50.
Con II	A. Reuter	Cross Brothers	Aug.30,1960	6	18	26 1/2	10	"	D	Light brown clay 14;grey clay 26;grey clay sand gravel 31;grey limestone 36 1/2. Water at 34.
Con II	S. Arnold	G.J. Wallis	May 8,1961	6	20	30	15	"	D	Brown loam 4;blue clay 19;limestone 40. Water at 40.
Con II	D. Lyons	F. Ince						"	D	

Con	II	lot	13	L. Hicks	G.J. Wallis	May 29, 1963	6	20	79	64	Fresh	D
Con II	"	14	"	K. O'Neill	F. Ince	Jun. 3, 1961	6	6	59	32	"	D
Con II	"	14	"	G. Montesanto	"	Jun. 7, 1961	6	3	55	25	"	D
Con II	"	14	"	A. Montesanto	"	Jul. 10, 1962	6	3	63	25	"	D.S
Con II	"	15	"	H. Simpson	W. Packham	Apr. 2, 1962	6	24	15	10	"	D
Con II	"	16	"	H. Smith	G.J. Wallis	Jul. 8, 1960	6	6 1/2	22 1/2	4	"	D
Con II	"	16	"	G. Borer	Allard Brothers	Dec. 5, 1960	2	4	50	40	"	S
Con II	"	18	"	G. Brogan	W. Packham	May 6, 1960	2	20	25	9	"	S
Con II	"	19	"	Cliff's Taxi Co.	E. Constable	May 26, 1960	6	1 1/2	65	30	"	D
Con II	"	19	"	A. Miller	S. Gill	Oct. 15, 1962	6	8	10	10	"	D
Con II	"	21	"	G. Sanders	Cross Brothers	Nov. 12, 1960	6	5	52	30	Salty	D
Con II	"	21	"	G. Magnuson	B. O'Connor	Jul. 25, 1961	6	3	20	8	Fresh	D.S
Con II	"	21	"	W. Kohlberger	G.J. Wallis	Jan. 31, 1963	6	1	60	30	"	D
Con II	"	21	"	"	"	Jan. 11, 1963	6	3 1/2	36	10	"	D
Con II	"	21	"	"	"	Jan. 12, 1963	6	2 1/2	37	9	"	D
Con II	"	22	"	H. Hicks	F. Ince	Jun. 6, 1961	6	1 1/2	48	19	"	D
Con II	"	22	"	W. Kohlberger	G.J. Wallis	Jul. 12, 1963	6	1	85	30	"	D
Con II	"	23	"	B. Townsend	S. Gill	Jul. 2, 1962	6	1	35	30	"	D
Con II	"	23	"	B. VanderStoep	G.J. Wallis	Jan. 2, 1963	6	2	70	31	"	D
Con II	"	23	"	H. Sutherland	"	Mar. 28, 1963	5	2	64	31	"	D
Con II	"	23	"	E. Quinn	Cross Brothers	Sep. 13, 1963	6	1	100	35	"	D
Con II	"	24	"	H. Sutherland	G.J. Wallis	Mar. 27, 1961	6	9	71	28	"	D
Con II	"	25	"	R. Browhill	Allard Brothers	May 12, 1960	2	4	8	Flows	"	D
Con II	"	25	"	J. Bensick	F. Ince	Jun. 10, 1960	2	4 1/2	116	35	"	D
Con II	"	25	"	E. Hobson	Allard Brothers	Oct. 22, 1960	2	3	27	7	Fresh	D
Con II	"	25	"	J. R. Cowley	B. O'Connor	Oct. 28, 1961	2	3	30	5	"	D
Con II	"	25	"	J. Branzo	C.J. Wallis	Jan. 25, 1962	6	2 1/2	85	14	Salty	D
Con II	"	25	"	B. Aulton	Cross Brothers	Jul. 30, 1962	6	3	52	22	"	D
Con II	"	26	"	E. Sinks	Allard Brothers	Nov. 2, 1963	2	3	77	25	Fresh	D
Con II	"	27	"	M. Helko	G.W. Wallis	Jun. 25, 1962	6	1 1/2	33 1/2	18 1/2	"	D.S
Con III	"	1	"	M. Gristmire	B. Aulton	Nov. 21, 1963	6	3	90	20	Sulphur	D.S
Con III	"	4	"	J. Hyde	Cross Brothers	Apr. 15, 1963	6	3	40	20	Fresh	D
Con III	"	7	"	R. Rutherford	E. Regs	Sep. 26, 1960	2	10	15	3	"	D
Con III	"	7	"	H. VanderLick	T. B. Aulton	Apr. 4, 1961	6	12	55	12	"	D
Con III	"	8	"	R. Rutherford	Cross Brothers	Aug. 2, 1963	6	3	81	41	"	D
Con III	"	8	"	J. Mackie	S. Gill	Jul. 31, 1962	6	10	47	32	"	D
Con III	"	9	"	A. J. Mackie	"	Jan. 16, 1961	6	6			"	D

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WEST-ORANGE COUNTY - Cont.										
West Flemboro Twp. - lot 13	L.K. O'Brien	S. Gill	Jun. 16, 1960	6	9	10	8	Fresh	D	Brown clay 14; grey clay 25; fine sand 45; grey rock 56. Water at 50 and 55.
" 13	"	"	Oct. 18, 1960	6	5	13	9	"	D	Grey clay 25; fine sand clay 43; grey limestone 56. Water at 52.
" 13	G. May	Cross Brothers	Jun. 20, 1961	6	6	30	8	"	D	Loess soil 1; sand 20; quicksand 44; blue clay 48; limestone 56. Water at 55.
" 13	J.J. Orsoline	"	Mar. 9, 1962	6	6	30	12	"	D	Loess soil 1; sand 20; quicksand 42; blue clay 48; limestone 59. Water at 52.
" 13	R. Soeting	F. Ince	May 4, 1962	6	5	40	8	"	D	Brown clay 6; clay 38; rock 46. Water at 42.
" 13	F. Cooke	Cross Brothers	May 10, 1962	6	5	35	12	"	D	Loess soil 1; sand 20; quicksand 45; blue clay 48; limestone 59. Water at 55.
" 13	G. Keenan	"	Jul. 1, 1962	6	5	30	8	"	D	Loess soil 1; sand 20; quicksand 40; blue clay 46; limestone 50. Water at 50.
" 13	G. Lamoy	G.J. Wallis	Jan. 7, 1963	6	30	30	17	"	D	Brown sandy soil 17; grey clay 24; grey limestone 45. Water at 43.
" 13	J. Bird	"	Jan. 9, 1963	6	18	43	24	"	D	Brown sandy clay 9; grey sandy clay 44; grey limestone 53. Water at 51.
" 13	A. VanDerKooij	H. Johnson	May 13, 1960	36	4	15	10	"	D	Hard brown clay 6; hard sand 15; red shale 16; red sand 30. Water from 15 to 30.
" 13	A. Fitzell	"	Nov 18, 1963	36	3	30	18	"	D	Brown clay 4; blue clay 18; silty sand 26; heavy clay 28; stony clay 30. Water from 18 to 26.
" 13	P. Slatte	A.B. Scriven	Jul. 25, 1963	6	5	22	9	"	D	Loess soil 2; brown clay 1; sandy soil 3; gravel 30. Water at 37.
" 13	S. VanSchuyndael	G.J. Wallis	Feb. 3, 1963	6	20	40	26	"	D	Brown sandy soil 30; sandy grey clay 36; grey limestone 59. Water at 56.
" 14	O. DeCarlo	F. Ince	Mar. 8, 1962	6	20	60	25	"	D, S	Brown clay 4; sandy clay 90; limestone 92. Water at 92.
" 16	J. Mazza	W. Packham	Mar. 8, 1960	7	15	35	14	"	S	Light brown clay loam 30; dark brown sandy clay 69; grey limestone 75. Water at 73.
" 16	K. Braun	F. Ince	Sep. 22, 1961	6	15	45	40	"	D	Brown clay 4; sandy clay 45; grey limestone 50. Water at 50.
" 17	G. Weatherbie	A.S. Scriven	Mar. 19, 1962	6	20	77	18	"	D	Loess soil 2; dark sandy soil 50; fine grey sand clay 90; limestone 95. Water at 95.
" 18	B. Fairier	W. Packham	Aug. 27, 1961	6	22	90	12	"	D	Sandy loam 15; sand 55; sandy clay gravel 68; limestone 95. Water at 70.
" 18	J.R. Shaw	S. Gill	Sep. 8, 1961	6	2	32	28	"	D	Sandy clay 50; blue clay 75; fine sand 90; grey rock 96. Water at 94.
" 19	W.A. Krawczyk	G.J. Wallis	Aug. 27, 1960	6	32	58	24	"	D	Light brown clay 9; blue clay 40; sandy grey clay 50; red sandy clay 62; hard grey clay 67; fine sand gravel 69. Water at 67.
" 19	Starlite Homes Ltd.	Cross Brothers	Sep. 17, 1963	6	10	50	15	"	D	Brown clay 30; quicksand 50; sand 62; fine gravel 65. Water at 65.
" 20	R. Charvel	W. Packham	May 3, 1963	6	15	40	29	"	D, S	Clay 15; limestone 57. Water at 50 and 56.
" 21	L. Charvel	"	Sep. 19, 1963	6	15	65	28	"	J, S	Clay 2; shale 6; limestone shale 70. Water at 45 and 67.
" 25	J. Sims	B. O'Connor	Jul. 10, 1961	6	1	54	17	"	P	Blue clay 25; grey limestone 58. Water at 52.
" 25	"	"	Jun. 24, 1961	6	1	60	30	"	P	Brown clay 25; limestone 70. Water from 30 to 60.
" 4	R. Hill	J.B. Ruttan	Jul. 13, 1961	6	50	20	21	"	D	Sandy loam 9; brown limestone 50. Water at 22.
" 6	Corp. of West Flemboro Twp.	"	Oct. 24, 1961	6	22	58	20	"	D	Dug well 4; sandy loam 7; brown limestone 50. Water at 52.
" 6	R. Hatch	E. Fegg	Aug. 16, 1961	5	10	20	18	Fresh	P	Crushed stone fill 1; limestone 40. Water at 29.
" 7	J. Ray	G.J. Wallis	Nov. 18, 1961	6	25	35	24	"	D	Brown fossiliferous white limestone 45. Water at 39.
" 10	M. Sieeling	Cross Brothers	Aug. 9, 1960	6	40	24	24	"	D	Brown clay 4; limestone 49. Water at 44.
" 13	County of Wentworth	E. Constable	Aug. 1, 1962	6	25	20	12	"	D	Light brown sandy soil 8; grey clay 10; grey limestone 36. Water at 35.
" 15	J. Buttenham	G.J. Wallis	May 5, 1961	6	10	20	15	"	D	Loess soil 4; brown clay 40; sand 59; limestone 90. Water at 79.
" 15	"	"	Sep. 21, 1960	6	7	67	6	"	D	Reddish brown sandy soil 11; yellowish sandy clay 40; grey clay 77; fine gravel 79. Water at 77.

WENTWORTH COUNTY - cont.

Con IV	cont. lot 15	D. Wiskin	G.J. Wallis	Sep. 24, 1960	6	18	63	4	Fresh	D	Reddish brown sandy soil 32; grey clay 65; reddish sandy grey clay 71; sand gravel 73. Water at 71.
Con IV	" 15	C. Rens	"	Sep. 27, 1960	6	20	63	4	"	D	Reddish brown sandy soil 31; sandy grey clay 67; reddish grey clay 71; sand gravel 73. Water at 71.
Con IV	" 15	F. Greco	"	Oct. 8, 1960	6	15	72	10	"	D	Light brown sandy soil 34; sandy grey clay 46; red sand grey clay 55; sandy grey clay 41; clay sand gravel 82. Water at 81.
Con IV	" 15	A.R. Taylor	"	Oct. 21, 1960	6	20	60	14	"	D	Brown sandy soil 30; grey sandy clay 55; red sandy grey clay 70; grey clay 84; bluish grey clay 82. Water at 87.
Con IV	" 15	E. Cole	"	Nov. 1, 1960	6	20	60	6 1/2	"	D	Reddish brown soil 25; sandy grey clay 60; reddish sand grey clay 67; grey clay 74; fine sand gravel 75. Water at 74.
Con IV	" 15	A. Finnmore	"	Nov. 3, 1960	6	20	45	5	"	D	Reddish brown sandy soil 30; grey clay 65; reddish sand grey clay 69; grey clay 74; grey limestone 76. Water at 75 1/2.
Con IV	" 15	C. Olafson	"	Nov. 5, 1960	6	20	68	9	"	D	Brown sandy soil 25; grey clay 74 1/2; brown grey limestone 77. Water at 76.
Con IV	" 15	H. Sutherland	"	Jan. 30, 1961	6	10	74	10	"	D	Brown sandy soil 43; sand grey clay 74; hard grey gravelly clay 77; dark grey limestone 84. Water at 83.
Con IV	" 15	B. Carey	"	Feb. 6, 1961	6	20	75	28	"	D	Brown sandy soil 40; sandy grey clay 70; red sand 74; sandy grey clay 86; dark grey limestone 96. Water at 84.
Con IV	" 15	R. Russel	"	Feb. 9, 1961	6	16	85	15	"	D	Brown sandy soil 42; sandy grey clay 81; packed grey clay gravel 88; grey limestone 95. Water at 94.
Con IV	" 15	A. Grower	"	Feb. 21, 1961	6	25	30	8	"	D	Brown sand soil 40; sandy grey clay 71; grey clay gravel 75; grey limestone 78. Water at 77.
Con IV	" 15	J. DeSaer	"	Feb. 23, 1961	6	25	20	5	"	D	Brown sandy clay 42; sandy grey clay 48; grey clay gravel 71; grey limestone 74. Water at 73.
Con IV	" 15	H. Sutherland	"	Apr. 22, 1961	6	20	60	28	"	D	Sandy grey clay 50; reddish sand 89; hard blue clay gravel 93; grey limestone 104. Water at 102.
Con IV	" 15	"	"	May 2, 1961	6	20	55	26	"	D	Sand grey clay 45; reddish sand 88; hard blue clay gravel 91; sand gravel 92. Water at 91.
Con IV	" 15	"	"	May 24, 1961	6	10	83	28	"	D	Brown sandy soil 35; grey clay 80; hard grey clay gravel 92; fine gravel sand 82. Water at 92.
Con IV	" 15	"	"	May 31, 1961	6	17	102	27	"	D	Brown sandy soil 34; soft grey clay 90; hard grey clay 99; dark grey limestone 112. Water at 110.
Con IV	" 15	"	"	Jun. 15, 1961	6	20	70	27	"	D	Light brown sandy soil 42; sandy grey clay 85; hard grey clay gravel 98; grey limestone 112. Water at 111.
Con IV	" 15	"	"	Jun. 19, 1961	6	20	65	22	"	D	Light brown sandy soil 40; sandy grey clay 81; hard grey clay 99; fine gravel 89 1/2. Water at 89.
Con IV	" 15	L. Saar	"	Jul. 7, 1961	6	15	85	27	"	D	Light brown sandy soil 41; grey clay 72; reddish sand clay 80; hard grey clay gravel 103; grey limestone 154. Water at 104.
Con IV	" 15	O. Sisask	"	Sep. 6, 1961	6	12	95	27	"	D	Light brown sandy soil 41; sandy grey clay 83; hard grey clay 99; sand gravel 95; dark grey limestone 105. Water at 104.
Con IV	" 15	Sutherland	"	Sep. 19, 1961	6	20	50	28	"	D	Brown sandy soil 35; sandy grey clay 85; hard grey clay gravel 97; grey limestone 99. Water at 98.
Con IV	" 15	M.G. DeWille	Cross Brothers	Sep. 12, 1962	6	6	90	40	"	D	Topsoil 75; sandy loam 30; blue clay 67; quicksand 80; fine gravel 92; fine sand 84; coarse gravel 99. Water at 99.
Con IV	" 15	T. Cain	G.J. Wallis	Oct. 29, 1963	6	5 1/2	108	40	"	D	Light brown sandy soil 37; sandy grey clay 86; hard clay gravel 99; dark grey limestone 118. Water at 116.
Con IV	" 16	O.P. Carey	W.L. Scriven	Mar. 7, 1960	6	5	33	25	"	D	Topsoil 75; brown clay 30; fine grey sand 83; limestone 87. Water at 87.
Con IV	" 16	H. Sutherland	G.J. Wallis	Jul. 10, 1962	6	20	75	24	"	D	Reddish brown sandy soil 20; sandy grey clay 36; yellow sandy clay 44; grey clay 80; blue clay gravel 92; grey limestone 95. Water at 94.
Con IV	" 16	K. Weber	"	Apr. 4, 1963	6	15	91	27	"	D	Light brown sandy soil 40; sandy grey clay 87; hard clay gravel 98; broken limestone gravel 101. Water at 100.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED FROM 1960 TO 1963

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY - cont.										
West Flandoro Twp. - cont.										
Con IV lot 18	G. Kolke	W. Packham	Jul. 13, 1960	6	20	40	18	Fresh	D	Sandy clay 27; silty sand 75; limestone 82. Water at 80.
Con IV lot 18	P. Groten		Feb. 13, 1961	6	20	20	15	"	D	Old well 20; blue clay 60; sandy clay 75; sand gravel 82; shale 95. Water at 53.
Con IV	West Flandoro Twp.	International Water Supply	Mar. 1, 1960	10	105	35	Flows	"	P	Topsoil 2; sandy clay boulders stones 6; grey stony clay 46; soft brown shale 54; hard grey limestone 72; hard light grey limestone 133; dark brown shale 125. Water at 54.
Con IV	W. Prodeus	G.J.J. Wallis	Feb. 17, 1961	6	25	40	12	"	C	Brown sandy soil 21; sandy grey clay 54; gravelly grey clay 62; grey limestone 66. Water at 65.
Con IV	R. Gammins	W. Packham	Oct. 23, 1962	6	24	50	45	"	D, S	Dug well 6; clay 25; sandy clay 100; sand 102; limestone 105. Water at 103.
Con V	H. Sage	E. Fegg	Jun. 4, 1962	5	9	40	12	"	P	Topsoil 2; limestone 68. Water at 24 and 63.
Con V	L. Suteraki	J.B. Rutten	Mar. 20, 1963	6	10	23	10	"	D	Silt 9; broken limestone 13; brown limestone 50. Water at 48.
Con V	A. Hulek	J.A. Anderson	Oct. 24, 1963	6	13	20	8	Sulphur	D	Topsoil 2; grey limestone 38. Water at 35.
Con V	E. Rosenlood	J.B. Rutten	Jul. 25, 1963	6	1	20	8	"	D, S	Red sand 22; grey soft clay 25; blue clay gravel 32; dark brown limestone 38. Water at 36.
Con V	Kays & DeWilde	A.D. Scriven	Jun. 17, 1961	6	5	22	20	Fresh	D	Topsoil 2; brown clay 25; grey sandy soil 46; limestone 40. Water at 40.
Con V	C. Lew	J.A. Anderson	Oct. 31, 1963	6	15	15	15	"	D, S	Brown clay 3; quicksand 30; blue clay 43; grey limestone 60. Water at 54.
Con V	A. Elliot	A.D. Scriven	Jan. 13, 1963	6	5	25	15	"	D	Brown clay 4; quicksand 70; limestone 75. Water at 75.
Con V	G. Weatherbee		Jun. 28, 1960	6	5	35	15	"	D	Topsoil 2; brown clay 18; sandy soil 73; limestone 70. Water at 78.
Con V	P. Hayden	W. Packham	Jun. 30, 1960	6	20	30	20	"	D	Sandy clay 30; fine sand 30; limestone 35. Water at 63.
Con V	F. Paul		Sep. 10, 1960	6	20	40	22	"	D	Sandy clay 35; silty sand clay 44; shale 40. Water at 46.
Con V	E. Schein	F. Ince	Apr. 19, 1961	6	20	45	20	"	D	Brown loam 2; sandy clay 80; shale 94. Water at 84.
Con V	H. McCell	W. Packham	May 12, 1961	6	20	40	25	"	D	Sandy loam clay 65; broken rock stones 92; limestone 96. Water at 84.
Con V	S. Schein	F. Ince	Jun. 20, 1961	6	25	40	25	"	D	Dark sandy soil 4; grey sandy clay 73; grey limestone 92. Water at 82.
Con V	"	"	Jun. 30, 1961	6	25	45	30	"	D	Dark sandy soil 4; grey sandy clay 79; grey limestone 92. Water at 88.
Con V	Millgrove School	Cross Brothers	Oct. 22, 1962	6	10	60	12	"	P	Gravel 3; topsoil 2; sandy loam boulders 20; sandy loam 36; quicksand 60; fine sand 64; limestone 72. Water at 70.
Con V	P. Jennings	"	Aug. 10, 1963	6	3	30	30	"	D	Sandy loam 10; brown sand 76; limestone 90. Water at 90.
Con V	D. Hartmier	G.J.J. Wallis	Mar. 9, 1963	6	20	30	7	"	D	Brown sandy loam 11; grey clay 28; sandy silt 46; gravelly grey clay 55; grey limestone 61. Water at 60.
Con V	K. Harris	"	Jul. 5, 1963	6	20	50	28	"	D	Light brown sand 41; silt clay 65; grey sand grey clay 84; grey limestone 86. Water at 85.
Con VI	B. Nazy	W. Packham	Sep. 17, 1962	6	21	60	17	"	D	Clay 7; limestone 61. Water at 35 and 50.
Con VI	A. Schlicht	J.B. Rutten	May 30, 1961	6	4	37	7	"	D	Sand loam 2; blue limestone 37. Water at 17 and 34.
Con VI	J. Kral	E. Fegg	Jun. 6, 1963	6	6	17	11	"	D	Topsoil 2; rock 26. Water at 24.
Con VI	K. O'Neil	"	Sep. 27, 1963	5	2	36	14	Sulphur	D, S	Old well 24; limestone 39. Water at 33.
Con VI	M. Mailoux	"	Jun. 6, 1960	5	4	36	14	Fresh	D	Topsoil 4; loose limestone 10; limestone 36. Water at 30.
Con VI	K. Potter	"	Oct. 23, 1963	6	10	11	10	"	D	Topsoil 1; stones 16; blue shale 18. Water at 18.
Con VI	J.W. Rasberry	G.J.J. Wallis	Oct. 24, 1961	6	30	15	8	"	D	Brown clay stones gravel 14; gravel grey clay 21; blue clay gravel 27; brown limestone 34. Water at 30.
Con VI	K. Gamble	E. Fegg	Jul. 27, 1960	5	20	2	2	"	D	Fill 2; topsoil 3; red clay 8; mixed rocks 4; blue clay 11; mixed rock 22; blue shale 24. Water at 27.
Con VI	"	"	Sep. 3, 1960	5	20	26	26	"	D	Fill 2; topsoil 3; red clay 8; rock 9; blue clay 16; mixed rock 21; black shale 27. Water at 29.
Con VII	G. McDermott	W. Packham	Nov. 16, 1960	6	20	25	21	"	D	Sandy clay 14; limestone 30. Water at 35.
Con VII	J. Smith	S. Gill	Sep. 25, 1963	6	4	12	5	"	S	Grey rock 66. Water at 40 and 60.

WENTWORTH COUNTY - cont.
West Flamboro Twp. -

West Flamboro Con VII	5	5	M. VanWyn- Gaarden	E. Pegs	5	18	12	9 1/2	Fresh	D	Stones boulders 16; loose rock 20; limestone 23; black rock 28. Water at 26 1/2.
Con VII	"	5	C. Hamilton	J.B. Rutten	6	4	58	9	"	D	Silt gravel 5; gravel 29; grey clay 33; broken limestone 39; grey limestone 58. Water at 35 and 57.
Con VII	"	6	M.A. Nixon	E. Pegs	6	12	8	7	"	D	Topsoil 1; stones brown clay 3; limestone 15 1/2. Water at 13.
Con VII	"	6	J. Ramboer	"	6	12	10	14	"	S	Stones boulders 21; limestone 35. Water at 37.
Con VII	"	10	C.C. Hommans	W.E. Scriven	6	10	28	22	"	D	Topsoil 2; red sandy soil 5; coarse gravel 34. Water at 54.
Con VII	"	11	W. Lensink	W. Packham	6	20	40	21	"	D	Sandy loam stones 15; sandy loam 45; sand gravel 50; gravel 54. Water at 54.
Con VII	"	13	C. Veldhuis	E. Pegs	6	12	18 1/2	6	"	D	Stony clay 8; rock 28. Water at 25.
Con VII	"	14	B. Mitchell	J.B. Rutten	6	5	35	17	"	D	Grey clay gravel boulders 21; limestone 24. Water at 32.
Con VII	"	4	J. Huffman	E. Pegs	6	18	16	10	"	D	Topsoil 3; stony clay 10; limestone 24. Water at 20.
Con VIII	"	4	L. Cambell	W. Packham	6	20	15	10	"	D	Sandy loam 10; gravel sand 20; coarse gravel 25. Water from 20 to 25.
Con VIII	"	4	G. Hamilton	J.B. Rutten	6	10	21	10	"	D	Dug well 16; grey sandy clay boulders 27; grey limestone 32. Water at 30.
Con VIII	"	8	J. Bates	W. Packham	6	20	20	6	"	In	Sandy clay 5; gravel clay 31; bedrock 39. Water at 37.
Con IX	"	6	C. McCarthy	"	6	10	35	26	"	D	Stony clay 40; stones gravel 45; limestone 60. Water at 55.
Con IX	"	6	W. Kasseria	J.L. Graham	5	10	40	20	"	D	Clay small boulders 18; shaly rock 31; grey limestone 70. Water from 42 to 70.
Con IX	"	6	M. Dowling	W. Packham	6	4	95	35	"	D	Stony clay 47; black limestone 90; white limestone 102. Water at 100.
Con IX	"	6	Freelton Park	"	6	12	65	22	"	P	Stony clay 10; shale 17; limestone 71. Water at 45 and 68.
Con IX	"	6	Board West Flamboro	"	6	20	60	26	"	P	Stony clay 34; limestone 90. Water at 75.
Con IX	"	7	Fire Dept.	"	6	2	90	35	"	D	Stony clay 25; shale 43; white limestone 93. Water at 90.
Con IX	"	7	B. Tweedle	"	6	20	70	40	"	P	Stony clay 14; white limestone 93. Water at 65 and 90.
Con IX	"	7	Baptist Church	"	6	20	70	40	"	P	Stony clay 14; white limestone 93. Water at 65 and 90.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

Location

The following abbreviations are used to designate concessions and locations of wells:

A.B.	Albemarle Tp	A.B.	Address Block	Div.	Division
A.R.R.W.	(Eastnor Tp.	D.L.	Addington Road Range West	D.L.	Desbarats Location
A.S.	(Lindsay Tp.	D.R.M.	Aux Sable	D.R.M.	Durham Road North
B.B.	(St.Edmunds Tp.	D.R.S.	Brant's Block	D.R.S.	Durham Road South
B.B.P.	Dover Tp.	D.S.S.	Beasley's Broken Front	D.S.S.	Dundas Street South
B.C.	Rochester Tp.	D.I.	Bayfield Concession	D.I.	Dochstader Tract
B.C.	(Albemarle Tp	E.	Block Concession	E.	East
B.F.	(Eastnor Tp.	E.B.	Broken Front	E.B.	Eastern Boundary
B.I.	(St.Edmunds Tp.	E.D.	Big Island	E.D.	Eastern Division
B.L.B.	Dover Tp.	E.E.	Beasley's Lower Block	E.E.	East End
B.L.M.	Rochester Tp.	E.F.B.	Base Line North	E.F.B.	East Front B
B.L.S.	(Albemarle Tp.	E.G.	Base Line South	E.G.	East Gore
B.N.S.	(Eastnor Tp.	E.L.S.S.	Beasley's New Survey	E.L.S.S.	East Lake South Side
B.O.S.	(St.Edmunds Tp.	E.R.	Beasley's Old Survey	E.R.	East of Road
B.R.E.	Dover Tp.	E.R.	Bury Road East	E.R.	Etobicoke River
B.R.E.	(Albemarle Tp.	E.R.	Baldoon Road East	E.R.	Etobicoke River
B.R.W.	Rochester Tp.	E.R.M.	Belle River East	E.R.M.	East Range
B.R.W.	(Albemarle Tp.	E.R.N.	Baldoon Road West	E.R.N.	Agreement Road North
B.T.	(Eastnor Tp.	E.R.H.	Belle River West	E.R.H.	Erb Road North
B.U.B.	(St.Edmunds Tp.	E.S.	Bury Road West	E.S.	Edgeware Road North
C.B.	Dover Tp.	E.S.	Baldoon Road West	E.S.	Edgemont Road South
C.B.	(Albemarle Tp.	E.T.	Belle River West	E.T.	East Side
C.C.	(Eastnor Tp.	F.C.	Bechtel's Tract	F.C.	East Section
C.C.	(St.Edmunds Tp.	F.C.T.	Beasley's Upper Block	F.C.T.	Earl Tract
C.C.	Dover Tp.	F.K.T.	Clergy Block	F.K.T.	Front Concession
C.C.	(Albemarle Tp.	F.R.	Canborough Front	F.R.	Fish Carrier Tract
C.C.	(Eastnor Tp.	F.T.	Caldwell Grant	F.T.	Formerly Kingston Township
C.C.	(St.Edmunds Tp.	G.C.T.	Cedar Island	G.C.T.	Front Range
C.I.	Dover Tp.	G.I.F.	Credit Indian Reserve	G.I.F.	Frederburg Tract
C.I.	(Albemarle Tp.	G.P.S.Y.	Carrying Place Lots	G.P.S.Y.	German Company Tract
C.I.	(Eastnor Tp.	G.P.W.	Carrying Place Northwest	G.P.W.	Gates Island
C.I.	(St.Edmunds Tp.	G.R.E.	Carrying Place East	G.R.E.	Grand Island Front
C.R.E.	Harwich Tp.	G.R.E.	Catawaqui River East	G.R.E.	Green Point Southwest
C.R.E.	Pittsburgh Tp.	G.R.E.	Communication Road West	G.R.E.	Green Point West
C.R.E.	Smith Tp.	G.R.E.	Chemung Road East	G.R.E.	Garafraxa Road East
C.R.E.	Harwich Tp.	G.R.E.	Communication Road West	G.R.E.	Grand River East
C.R.E.	Kinston Tp.	G.R.E.	Catawaqui River West	G.R.E.	Grand River East Subdivision
C.R.E.	Smith Tp.	G.R.E.	Chemund Road West	G.R.E.	Grand River Front
C.R.E.	West Williams Tp.	G.R.E.	Centre Road West	G.R.E.	Gull River Range
C.T.	Brantford Tp.	G.R.E.	Clench Tract	G.R.E.	
C.T.	Canborough Tp.	G.R.E.	Clement Tract	G.R.E.	

G.R.W.	Bentick Tp.	Garafraxa Road West	M.S.B.	Miles Square Block
G.R.W.	Kormany Tp.	Grand River West	M.T.	Mair Tract
G.R.W.S.	Pillington Tp.	Grand River West Subdivision	M.T.	Military Tract
E.B.E.		Hallowell Bay East	N.B.	North Boundary
H.I.		Hall Island	N.C.	Neesh Concession
H.L.		Hink's Location	N.D.	Northern Division
H.R.E.		Hastings Road East	N.E.B.	Northeast Boundary
H.R.P.		Huron Road Front	N.E.R.	Northeast Range
H.R.S.		Hamilton Road South	N.F.L.C.S.	Niagara Fruit & Land Co. Survey
H.R.W.		Hastings Road West	N.B.	Naval Reserve
H.S.E.		Huronario Street East	N.R.P.	North of Road
E.S.W.		Huronario Street West	N.S.	Niagara River Front
H.T.		Haldimand Tract	N.S.	New Survey
I.S.		Indian Strip	N.T.	North Side
J.R.		Jones Range	N.T.P.	Nelles Tract
J.W.T.		James Wilson Tract	N.T.R.	North of Town Plot
K.R.N.		Kaministiquia River North	N.W.B.R.	North Talbot Road
K.T.		Kerr Tract	O.P.	Northwest Bay Range
L.E.P.		Lake Erie Front	O.R.N.	Ottawa Front
L.P.		Lake Huron Front	O.S.	Opeongo Road North
L.H.P.		Long Island	O.S.R.E.	Old Survey
L.I.		Lake Ontario Front	O.S.R.W.	Owen Sound Road East
L.O.P.		Lake Range	P.C.	Owen Sound Road West
L.R.	(Bruce Tp.)	Lake Road	P.E.B. (A)	Petite Cote
L.R.	Huron Tp.	Lake Road	P.R.	Prince Edward Bay (Around)
L.R.	Gaugeon Tp.	Lake Road	P.R.E.	Plank Road
L.R.	Hay Tp.	Lake Road East	P.R.E.	Penetanguishene Road East
L.R.	Stephen Tp.	Lakeshore Road East	P.R.E.	Plank Road East
L.R.E.	Bosquet Tp.	Lakeshore Road East	P.R.S.	Portage Road South
L.R.E.	Colborne Tp.	Longwoods Road North	P.R.W.	Portage Road West
L.R.N.		Longwoods Road South	P.R.W.	Penetanguishene Road West
L.R.S.		Lake Road West	P.T.	Phelps Tract
L.R.W.	(Bosquet Tp.)	Lakeshore Road West	R.A.	Range A.
L.R.W.	Stanley Tp.	Lorejoy Tract	R.B.	Range B.
L.R.W.	Colborne Tp.	Laitland Concession	R.P.	Rideau Front
L.T.		Muskirat Lake East	R.R.	Registered Plan
L.C.		Mowhawk Mission East	R.R.N.	Raisin River North
H.L.E.		Mount Pleasant Road East	R.R.N.	Rainham Road North
H.R.E.		Mount Pleasant Road West	R.R.S.	Raisin River South
H.P.R.E.		Military Reserve	R.R.S.	Rainham Road South
H.P.R.W.		Malden Road North	R.T.	Racey Tract
H.R.		Middle Road North	S.B.	South Boundary
H.R.N.	(Colchester Tp.)	Malden Road South	S.B.P.	South Bay Front
H.R.N.	(Colchester Tp.)	Malden Road South	S.B.N.	Smith Bay North
H.R.N.	Tilbury East Tp.	Malden Road South	S.C.R.N.W.	Stoney Creek Road Northwest
H.R.S.	Colchester North Tp.		S.C.R.S.	Stoney Creek Road South
H.R.S.	Maldstone Tp.		S.D.	Southern Division
			S.I.	Stovin Island

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